

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Tourism and Hospitality Management

SDC1GS18—GUIDING SKILLS FOR TOURISM

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions.**Each question carries 1 mark.*

1. What is the tagline of Indian Tourism ?
2. Expand CTC.
3. Which year Thomas Cook began his international travel company ?
4. Khajuraho Temple is located in which Indian state ?
5. Name any *two* natural attractions in Kerala.
6. Expand KTM
7. Name any *two* travel and tourism events in India.
8. What is MICE ?
9. Name any *two* travel documents.
10. Name any *two* historical places in Kerala.

(10 × 1 = 10 marks)

Section B (Short Answer Type Question)*Answer any eight questions.**Each question carries 2 marks.*

11. Who is an escort ?
12. What is inbound tour ?
13. Define itinerary.
14. What is a head tax ?
15. What do you mean by Coach Tour ?
16. Define pacing.

Turn over

17. What is themed tour ?
18. What do you mean by visa waiver ?
19. Who is an event guide ?
20. What do you mean by diplomatic passport ?
21. List any two qualities of a tour guide.
22. Who is a guest relation officer ?

(8 × 2 = 16 marks)

Section C (Short Essay Type Question)

Answer any six questions.

Each question carries 4 marks.

23. Bring out the role of a tour guide.
24. What qualifications do you need to be a tour guide ?
25. Explain the various skills needed for handling a group.
26. Write short note on Special Interest Guide.
27. Give short note on tour costing.
28. Explain the duties of an adventure guide.
29. Explain the need of personal hygiene and grooming for tour guide.
30. Write short note on water transport in India.
31. Write down the difference between tour guide and tour escort.

(6 × 4 = 24 marks)

Section D (Long Essay Type Question)

Answer any two questions.

Each question carries 15 marks.

32. Discuss the duties and responsibilities of a tour guide.
33. Briefly explain the basic components of tourism.
34. Write an essay on the religious places in Tamilnadu.
35. Explain the Golden Rules of Guiding the tourist.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Tourism and Hospitality Management

SDC 1HM 17—HOSPITALITY MANAGEMENT

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions.**Each question carries 1 mark.*

1. Who is the founder of Oberoi Group of Hotels ?
2. Expand IHCL.
3. Name any *two* chain hotels in India.
4. Which type of hotel provide gambling facility ?
5. What is MAP ?
6. Who is the head of housekeeping department ?
7. Expand GRE.
8. What is the other term for FIT Rate ?
9. Which type of hotels is known as 'Mom and Pop' hotels ?
10. Name any *two* brand names of Radisson Hotel Group.

(10 × 1 = 10 marks)

Section B (Short Answer Type Question)*Answer any eight questions.**Each question carries 2 marks.*

11. What do you mean by hospitality ?
12. Who is a 'Clientele' ?
13. Define transit hotel.
14. What is a cabana ?

Turn over

15. Who is a night auditor ?
16. What do you mean by standard room rack rate ?
17. What is CRS ?
18. Define "Lobby".
19. What is back office ?
20. Who is a Concierge ?
21. What do you mean by Referral groups ?
22. What are the advantages of hotel franchising ?

(8 × 2 = 16 marks)

Section C (Short Essay Type Question)

Answer any six questions.

Each question carries 4 marks.

23. Explain the classification of hotels depending on the clientele.
24. Point out the advantages and disadvantages of chain hotels.
25. Write short note on the general features of a four-star category hotel.
26. Explain the different types of supplementary accommodation.
27. Discuss the major revenue producing departments in a hotel.
28. Write down the main functions of information section in front office.
29. List out the duties and responsibilities of a night auditor.
30. Write short note on guest cycle.
31. Write down the factors while deciding room tariff.

(6 × 4 = 24 marks)

Section D (Long Essay Type Question)

Answer any two questions.

Each question carries 15 marks.

32. Discuss the role of hotels in tourism industry in India.
33. Explain the various steps involved in guest check in procedure.
34. Describe the major chain hotels in India.
35. Explain the structure, functions and operation of housekeeping department.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Tourism and Hospitality Management

SDC1 IT 16—INFORMATION TECHNOLOGY FOR TOURISM BUSINESS

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions.**Each question carries 1 mark.*

1. _____ generation computers are based on artificial Intelligence.
2. If a computer has more than one processor then it is known as _____.
3. MS-Word is an example of _____ Software.
4. What is full form of ALU ?
5. _____ is the extension of files created in MS Excel 2016.
6. Which function in Excel tells how many numeric entries are there ?
7. What is the shortcut key for PASTE ?
8. _____ enables us to send the same letter to different persons ?
9. In which tab you can access Picture, Text box and Chart, etc. ?
10. The option used to exit Tally is _____.

(10 × 1 = 10 marks)

Section B (Short Answer Type Question)*Answer any eight questions.**Each question carries 2 marks.*

11. What is a Low-Level Language ?
12. What is the use of Plotter ?
13. What is a central processing unit ?
14. What is operating system ?
15. What is Word Processing ?
16. What is the use of Scroll Bar ?

Turn over

17. What is the difference between portrait and landscape orientation ?
18. What is the use of spreadsheet in excel ?
19. How can you add a new Excel worksheet ?
20. What is the purpose of slides tab ?
21. What is a PowerPoint slideshow ?
22. What is Tally ?

(8 × 2 = 16 marks)

Section C (Short Essay Type Question)

Answer any six questions.

Each question carries 4 marks.

23. Explain the characteristics of first generation computer.
24. Explain the types of primary and secondary storage devices.
25. Write down the advantages of mail merge in MS word.
26. Bring out the features of Autotext and its procedure.
27. Define conditional formatting. How do I apply conditional formatting to all sheets in Excel ?
28. What are the different ways to resize the Column and Rows in Excel ?
29. Explain the difference between custom animation and transition effects in PowerPoint.
30. Explain the types of charts in PowerPoint presentation.
31. Explain the various options available in Display Menu in Tally ?

(6 × 4 = 24 marks)

Section D (Long Essay Type question)

Answer any two questions.

Each question carries 15 marks.

32. List down and explain the different types of printers and their functions.
33. Describe the various options available in the main menu bar of Ms-Word.
34. Explain the basic formulas and functions in MS Excel.
35. How to record a slideshow as a video with timing and narration in PowerPoint ?

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Tourism and Hospitality Management

GEC 1F T03—FUNDAMENTALS OF TOURISM

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions.**Each question carries 1 mark.*

1. Expand DOT.
2. Name any two Joint Venture Companies of ITDC.
3. Where is the headquarter of WTO ?
4. What is 'Royal Rajasthan on Wheels' ?
5. What is the tourism tagline of Tamilnadu ?
6. Which city is known as the 'Golden City of India' ?
7. Name any two international tourism organizations.
8. Expand PATA.
9. Where is the headquarters of UNESCO ?
10. 'Hidden Treasures of Gujarat' is the itinerary of which tourist train ?

(10 × 1 = 10 marks)

Section B (Short Answer Type Question)*Answer any eight questions.**Each question carries 2 marks.*

11. Define International tourism.
12. What do you mean by Intangibility ?
13. Who is a Health tourist ?
14. Define Motivation.
15. Who is an Excursionist ?
16. What do you mean by cultural tourism ?

Turn over

17. What do you mean by interpersonal motivation ?
18. Write down the main objectives of TAAI.
19. What is a health certificate ?
20. What is FIT ?
21. Define inclusive tour.
22. Write about 'Golden Triangle'.

(8 × 2 = 16 marks)

Section C (Short Essay Type Question)

Answer any six questions.

Each question carries 4 marks.

23. Write down the concept of paid holidays.
24. Explain the elements of tourism.
25. Write the social benefits of tourism.
26. Bring out the importance of accessibility in tourism industry.
27. Explain the benefits of Eco-tourism for travelers.
28. Explain the major negative impacts of tourism on the environment.
29. Describe the major barriers to travel.
30. Explain the push and pull factor on tourism.
31. Point out the major activities of State Tourism Development Corporation.

(6 × 4 = 24 marks)

Section D (Long Essay Type Question)

Answer any two questions.

Each question carries 15 marks.

32. Discuss the factors affecting growth and development of modern tourism.
33. Write in detail about the nature and scope of tourism in India.
34. Discuss the socio-cultural impact of tourism.
35. Evaluate the various documents required for an international travel.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Software Development

SDC 1IT 02—INTERNET PROGRAMMING

Time : Three Hours

Maximum : 80 Marks

Part A*Answer all questions.**Each question carries 1 mark.*

1. Define Internet.
2. What is a search engine ?
3. Explain HTML.
4. Write the use of BODY tag ?
5. What is CSS ?
6. How do you create a function in JavaScript ?
7. What is the use of DreamWeaver ?
8. Name the three views available for Dreamweaver users.
9. What are the colour modes used in Photoshop ?
10. What is Adobe Flash ?

(10 × 1 = 10 marks)

Part B*Answer any eight questions.**Each question carries 2 marks.*

11. Write the functions of a web browser.
12. What do you mean by video conferencing ?
13. What is TELNET ?
14. Write the steps to include a background image in your website.

Turn over

15. What is the difference between Post and Get method ?
16. Differentiate internal style sheet and external style sheet.
17. Which are the data types allowed in JavaScript ?
18. What do you mean by event handlers ?
19. What is the use of eyedropper tool in Dreamweaver ?
20. Write the ways of adding text in Dreamweaver.
21. What is the use of Magic Wand tool in Photoshop ?
22. Which are the output file formats of Photoshop ?

(8 × 2 = 16 marks)

Part C

Answer any six questions.

Each question carries 4 marks.

23. Write short note on e-commerce.
24. Explain the different formatting tags in HTML with suitable examples.
25. Explain the creation of ordered list in HTML. Give an example HTML code.
26. Explain in detail about the selectors in CSS.
27. Explain in detail about comparison operators in JavaScript.
28. Write the steps to make a template in Dreamweaver.
29. Briefly explain about typography.
30. Differentiate raster graphics and vector graphics.
31. Explain in detail about any *four* selection tools in Photoshop.

(6 × 4 = 24 marks)

Part D

Answer any two question from the choice.

Each question carries 15 marks.

32. Explain in detail about the following protocols using a neat diagram :
 - (a) HTTP. (8 marks)
 - (b) FTP. (7 marks)

Or

33. Design a form using HTML tags for entering your personal details ? The document must contain at least ten fields, a submit button and cancel button.
34. Write a program for designing a simple calculator using JavaScript code.

Or

35. State and explain common text and paragraph formatting options available in graphic editing software applications.

[2 × 15 = 30 marks]

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FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Software Development

SDC 1IT 01—FUNDAMENTALS OF COMPUTER AND PROGRAMMING IN C

Time : Three Hours

Maximum : 80 Marks

Part A*Answer all questions.**Each question carries 1 mark.*

1. BIOS stands for _____.
2. What is MNEMONICS ?
3. Difference between %c and %s ?
4. Briefly explain symbolic constants.
5. What are the two types of breaking control statement ?
6. An array of arrays is called _____ ?
7. List any 4 library Function.
8. Declare a Structure 'STUDENT' with ROLLNO, NAME, ADDRESS, MARK, and GRADE
9. Define algorithm.
10. Explain recursion.

(10 × 1 = 10 marks)

Part B*Answer any eight questions.**Each question carries 2 marks.*

11. What you meant by first generation language ?
12. What is OMR ?
13. What is the difference between i++ and ++i ?
14. Write the syntax of any two input and output functions.
15. Explain conditional operator.
16. Define Go to statement.

Turn over

17. Define Two Dimensional array with syntax.
18. Define linear sort with example.
19. Differentiate between call by value and call by reference.
20. What is meant by storage class of variables ?
21. What are macros ?
22. What is pointer variable ?

(8 × 2 = 16 marks)

Part C

*Answer any six questions.
Each question carries 4 marks.*

23. Explain about the evolution of computers.
24. Differentiate between SRAM and DRAM.
25. Write a program to calculate perimeter and area of a rectangle.
26. Explain bitwise operator.
27. Write a loop statement that will show the following.
28. Output : 1 12 123 1234 12345.
29. What are enumerated types ?
30. Explain arrays of structures.
31. Explain dynamic memory allocation in detail.

(6 × 4 = 24 marks)

Part D

*Answer any two question from the choice.
Each question carries 15 marks.*

32. For what purpose algorithm and flow charts are used ? Explain each of them with an example.

Or

33. Explain the for loop statements with example ? Explain the Loop statements.
34. How we can open and close a file ? Explain different operations on files.

Or

35. Write a program to produce calculator using function.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Software Development

GEC 1DM 03—DISCRETE MATHEMATICS (BCA 1C02)

Time : Three Hours

Maximum : 80 Marks

Part A (Objective Type)*Answer all the ten questions.**Each question carries 1 mark.*

1. Draw K_5 .
2. Write the negation of the statement 'no student is a graduate'.
3. Give an example of two sets A and B such that $A \setminus B = \emptyset$.
4. What do you mean by a conjunction ?
5. A graph in which every vertex is of degree 2 will be a _____.
6. State Euler's formula for plane graph.
7. Define a spanning tree, give an example.
8. Give an example of a 4 regular graph.
9. Assign a truth value for the statement $5x = 20 \vee 0 > 2$.
10. Calculate the number of elements in the power set of A if $|A| = 6$.

(10 × 1 = 10 marks)

Part B (Short Answer Type)*Answer all five questions.**Each question carries 2 marks.*

11. Show that the number of vertices in a self-complimentary graph will be either a multiple of 4 or of the form $4t + 1$.
12. Give an example of a reflexive relation which is neither symmetric nor transitive.

Turn over

13. Construct the truth table for $\sim(p \vee \sim q)$.
14. Define a tree. Is tree a bipartite graph ?
15. Give an example of two non-isomorphic graph on 4 vertices.

(5 × 2 = 10 marks)

Part C (Short Essay)

Answer any five questions.

Each question carries 4 marks.

16. Prove that a tree with atleast two vertices contains atleast two pendant vertices.
17. Is $[(p \vee q) \Rightarrow r] \wedge (\sim p) \Rightarrow (q \Rightarrow r)$ a tautology ? Justify your claim.
18. State and prove a characterization theorem for cut edges in a graph.
19. Prove that a simple graph is a tree if and only if any two distinct vertices are connected by a unique path.
20. Let G be a graph in which the degree of every vertex is at least 2. Show that G contains a circuit.
21. Find number of elements in the union of A and B if $|A| = 4, |B \setminus A| = 5$. Draw the corresponding Venn diagram.
22. Show that in any group of two or more people there are always two with same number of friends in the group.
23. Illustrate boolean algebra with an example.

(5 × 4 = 20 marks)

Part D

Answer any five questions.

Each question carries 8 marks.

24. Write short notes on (a) Network ; (b) Max-flow min-cut theorem.
25. Give a short note on Chinese postman problem.
26. Prove that a connected graph G with n vertices is a tree if and only if it has $n - 1$ edges.
27. Show that a graph has a dual if and only if it is planar.
28. Define Euler graphs and prove a necessary and sufficient condition for a connected graph to be Euler.

29. (a) Prove or disprove the formula : $|A \cup B| = |A| + |B| - |A \cap B|$.

(b) Write the conjunctive normal form of : $(q \vee (p \wedge r)) \wedge \sim((p \vee r) \wedge q)$.

30. Prove that a graph is bipartite if and only if it contains no odd cycles.

31. Let G be a simple graph with $n \geq 3$ vertices. If for every pair of non-adjacent vertices u, v of G $d(u) + d(v) \geq n$, show that G is Hamiltonian.

(5 × 8 = 40 marks)

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FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Retail Management

SDC 1R M02—BASIC BUSINESS COMMUNICATION SKILLS

Time : Three Hours

Maximum : 80 Marks

Part A*Answer all questions.**Each question carries 1 mark.*

Fill in the blanks :

1. _____ an addition to the content of a letter conveying an after thought.
2. _____ line gives a brief indication of the subject of the letter.
3. _____ principle means keeping to the point.
4. _____ is information without any secured standard of evidence.
5. _____ is a method of overcoming communication barriers.
6. An _____ is a business letter is for making prompt attention.
7. _____ are mass produced and may not be addressed to any particular customer.
8. _____ communication has the advantage of immediate feedback.
9. The active communicator in a grapevine is called _____.
10. Any documents sent together with a letter are indicated by _____.

(10 × 1 = 10 marks)

Part B*Answer any eight questions.**Each question carries 2 marks.*

11. What do you mean by soft skill ?
12. What is meant by first enquiry ?
13. Define proxemics.
14. What is organizational barrier ?
15. What do you mean by status enquiry ?

Turn over

16. What is mass communication ?
17. What is meant by inside address ?
18. What is internal communication ?
19. Who is a liaison agent ?
20. What is intra personal communication ?
21. What is information overload ?
22. What is voice mail ?

(8 × 2 = 16 marks)

Part C

*Answer any six questions.
Each question carries 4 marks.*

23. Prepare a letter of enquiry.
24. Explain the applicability of written communication.
25. What are the elements of communication ?
26. Write a note on communication etiquette.
27. Discuss the merits and demerits of e-mail.
28. What are the different types of teleconferencing ?
29. What is Memo? State the guiding points for writing a memo.
30. Which are the important details to be added in a resume ?
31. What are the essential qualities of a business letter ?

(6 × 4 = 24 marks)

Part D

*Answer any two questions.
Each question carries 15 marks.*

32. Discuss the barriers to effective communication and the methods to overcome those barriers.
33. What is a business letter ? Write a proforma of a business letter.
34. Explain kinesics. Which are the various kinds of body language used in business communication ?

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Retail Management

GEC 1E C03—E-COMMERCE AND GENERAL INFORMATICS

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A*Answer all questions.**Each question carries 1 mark.*

A) Fill in the blanks :

- 1 _____ is the first page of a website.
2. SLIP stands for _____.
- 3 ISDN is abbreviated as _____.
- 4 _____ is a procedure to convert a regular text in to a coded or secret text.
- 5 C2A means _____.

B) Very Short Answer Questions :

- 6 Give two examples for E-services.
- 7 State the two limitations of E-mail.
- 8 Write the advantages of website.
- 9 State any two risks in electronic payment systems.
- 10 Mention the merits of E-auction.

(10 × 1 = 10 marks)

Part B*Answer any eight questions.**Each question carries 2 marks.*

- 11 Write a short note on EDI ?
- 12 What do you mean by Link ?
- 13 State any four limitations of C2C transactions.

Turn over

- 14 Write a short note on Home page.
- 15 Define Digi cash.
- 16 What are the components of SCM ?
- 17 Define M-Commerce.
- 18 What is cryptography ?
- 19 What is firewall ?
- 20 State the aggregate model of e-Commerce ?
- 21 What do you mean by browser ?
- 22 Explain the benefits of smart card.

(8 × 2 = 16 marks)

Part C

Answer any six questions.

Each question carries 4 marks.

- 23 What is M2M Business ? What are its merits and demerits ?
- 24 Explain the merits of Supply Chain Management Systems.
- 25 What do you mean by E-risk ? State the different risk in E-payment system.
- 26 What is ERP ? State its benefits.
- 27 Explain why security measures are important in E-business.
- 28 What are the benefits of E-commerce to society ?
- 29 State the features of E-tailing.
- 30 How to use E-commerce opportunities in National security ?
- 31 What is E-cash ? What are its advantages ?

(6 × 4 = 24 marks)

Part D

Answer any two questions.

Each question carries 15 marks.

- 32 What do you mean by internet security ? Explain what are the different security systems.
- 33 What is SCM ? Explain its objectives, components and processes.
- 34 What are the E-business models based on the relationship of transactions type ?

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Pharmaceutical Chemistry

GEC 1MT01—MATHEMATICS—I

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A (One word)

*Answer all questions.**Each question carries 1 mark.*

1. Evaluate $\frac{dz}{dw}$ if $z = \frac{1}{\sqrt{3w-2}}$.
2. If $\lim_{x \rightarrow c} f(x) = 5$ and $\lim_{x \rightarrow c} g(x) = -2$, evaluate $\lim_{x \rightarrow c} \frac{f(x)}{f(x) - g(x)}$.
3. Express $1 - 2 + 4 - 8 + 16$ in sigma notation.
4. Evaluate the sum $\sum_{k=1}^3 \frac{k-1}{k}$.
5. If $\int_1^5 g(x) dx = 8$, evaluate $\int_5^1 g(x) dx$.
6. Write a formula for the n^{th} term of the sequence 0, 1, 1, 2, 2, 3, 3,...
7. Write a formula for the n^{th} term of the sequence 1, -4, 9, -16, 25.
8. Write the Cartesian co-ordinates of the point whose polar co-ordinates are $(5, \tan^{-1}(4/3))$.

Turn over

9. Write the cylindrical co-ordinates of the point whose Cartesian co-ordinates are $(-1, 0, 1)$.
10. For a continuous function f with $\int_{-1}^1 f(x) dx = 4$, find $\int_{-1}^1 -f(u) du$.

(10 × 1 = 10 marks)

Section B (Short Answers)

Answer any **eight** questions.
Each question carries 2 marks.

11. If $\sum_{k=1}^n a_k = -5$, find $\sum_{k=1}^n (a_k + 2)$.
12. If $\sum_{k=1}^n a_k = -5$ and $\sum_{k=1}^n b_k = 6$, find $\sum_{k=1}^n (a_k - b_k)$.
13. Evaluate $\int_3^0 (3z - 2) dz$.
14. Evaluate $\int_1^2 3u^2 du$.
15. If $a_n = \frac{1-n}{n^2}$, write the values of a_1, a_2, a_3 and a_4 .
16. If $a_1 = 1$ and $a_{n+1} = a_n + \frac{1}{2^n}$, write the first five terms of the sequence a_n .
17. If $a_1 = a_2 = 1$ and $a_{n+2} = a_{n+1} + a_n$, write the first five terms of the sequence a_n .
18. Replace the Cartesian equation $y = 1$ by an equivalent polar equation.

19. Replace the Cartesian equation $x^2 + (y - 2)^2 = 4$ by an equivalent polar equation.
20. Find $\frac{\partial f}{\partial x}$ and $\frac{\partial f}{\partial y}$ where $f(x, y) = (x^2 - 1)(y + 2)$.
21. Find $\frac{\partial f}{\partial x}$ and $\frac{\partial f}{\partial y}$ where $f(x, y) = \frac{1}{x + y}$.
22. Find $\frac{\partial f}{\partial x}$ and $\frac{\partial f}{\partial y}$ where $f(x, y) = \ln \sqrt{x^2 + y^2}$.

(8 × 2 = 16 marks) .

Section C (Paragraph)*Answer any six questions.**Each question carries 4 marks.*

23. Evaluate $\lim_{x \rightarrow 9} \frac{\sqrt{x} - 3}{x - 9}$.
24. If $\sqrt{5 - 2x^2} \leq f(x) \leq \sqrt{5 - x^2}$ for $-1 \leq x \leq 1$, find $\lim_{x \rightarrow 0} f(x)$.
25. Evaluate $\lim_{x \rightarrow 0^+} \frac{2}{x^{1/5}}$.
26. If $f(x) = \frac{1 - x}{2x}$, evaluate $f'(-1)$, $f'(1)$ and $f'(\sqrt{2})$.
27. Verify Mean Value Theorem for the function $f(x) = \sqrt{x - 1}$ in the interval $[1, 3]$.
28. If $\sinh x = \frac{3}{5}$, find the values of the remaining five hyperbolic functions.
29. Evaluate $\int_{-1}^4 \frac{dx}{|x|}$.

Turn over

30. Graph the set of points whose polar inequalities are $r \leq 0, \theta = \frac{\pi}{4}$.

31. Find all second order partial derivatives of the function $g(x, y) = x \cos y + ye^x$.

(6 × 4 = 24 marks)

Section D (Essays)

Answer any two questions.

Each question carries 15 marks.

32. (a) Evaluate $\lim_{x \rightarrow 2^-} \frac{1}{x^2 - 4}$.

(b) Evaluate the improper integral $\int_0^{\infty} x^2 e^{-x} dx$.

33. (a) If $u = \tan^{-1} \frac{x^3 + y^3}{x + y}$, prove that $x \frac{\partial u}{\partial x} + y \frac{\partial u}{\partial y} = \sin 2u$.

(b) For $w = e^x + x \ln y + y \ln x$, check whether $w_{xy} = w_{yx}$.

34. (a) Show that the function $w = \tan(2x - 2ct)$ satisfies the wave equation $\frac{\partial^2 w}{\partial t^2} = c^2 \frac{\partial^2 w}{\partial x^2}$.

(b) Sketch the surface $r = 1 - \cos \theta$.

35. (a) Use chain rule to find $\frac{\partial w}{\partial r}$ and $\frac{\partial w}{\partial s}$ at the point $\left(2, \frac{\pi}{4}\right)$, where

$$w = 4e^x \ln y, x = \ln(\cos \theta), y = r \sin \theta.$$

(b) Draw a tree diagram and write chain rule to find

$$\frac{dz}{dt}, \text{ where } z = f(u, v, w), u = g(t), v = h(t) \text{ and } w = k(t).$$

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Pharmaceutical Chemistry

CHE 1B 01—THEORETICAL AND INORGANIC CHEMISTRY—I

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A (One word)*Answer all questions.**Each question carries 1 mark.*

1. A concise scientific statement which is an empirical generalisation of a principle that has passed every conceivable test is called a scientific _____.
2. The first organic compound to be synthesised was _____.
3. A “research _____” is the conceptual structure or framework within which research is planned to be conducted on the selected topic.
4. One gram molecular mass of any element or compound contains _____ molecules.
5. A process in which an atom, molecule or ion loses one or more electrons is called _____.
6. N-phenylanthranilic acid is an example for a _____ indicator.
7. Concordance between the observed value of a determination and the true or most probable value is termed _____.
8. _____ solution is normally used as the indicator in iodometric titrations.
9. Light consists of particles called _____.
10. The phenomenon of photo electric effect establishes the _____ nature of light.

(10 × 1 = 10 marks)

Section B (Short Answer)*Answer any eight questions.**Each question carries 2 marks.*

11. What is meant by revolution in science ?
12. Mention one important feature in which a scientific theory is different from a scientific law.

Turn over

13. What is scientific law ?
14. Define the term mass fraction. How is it related to mass percentage and ppm.
15. Define normality. Calculate the normality of a solution containing 20g of NaOH in 2 litre.
16. Define oxidizing and reducing agent as per oxidation number concept.
17. Give expression for standard deviation for replicate measurements on sample in an analytical determination.
18. Explain the term precision with respect to analytical determination.
19. How is end point detected in permanganometric titrations ? Why ?
20. Give two postulates of Dalton's atomic theory.
21. What is Planck's quantum hypothesis ?
22. Explain mass defect.

(8 × 2 = 16 marks)

Section C (Paragraph)

Answer any six questions.

Each question carries 4 marks

23. Write a note on the essential steps involved in chemical research.
24. Explain the different branches of chemistry.
25. Nitrogen has two isotopes: ^{14}N and ^{15}N . The average atomic mass of nitrogen is 14.0067u. What are the % abundances of the two isotopes in natural nitrogen.
26. Distinguish between the terms valency and oxidation number.
27. What are the advantages of double burette method used in titrimetry over the conventional single burette method ?
28. Briefly explain the term argentometry with suitable examples.
29. "Carry out dilution of acid by adding acid carefully to water". Explain this statement.
30. Explain the first aid to be administered to a victim of electric shock.
31. Discuss atomic spectrum.

(6 × 4 = 24 marks)

Section D (Essay)

Answer any two questions.

Each question carries 15 marks.

32. Discuss the various aspects of the scientific method of research
33. (a) Define and explain oxidation number with examples.
(b) Discuss the oxidation number concept of oxidation and reduction.
(c) Explain the terms oxidant and reductant with an illustrative.
(d) Explain atomic number and mass number with suitable examples
(e) Distinguish between molarity, molality and mole fraction with examples.
34. Discuss safe laboratory practices.
35. Explain the term blackbody and blackbody spectrum. Discuss the salient features of Planck's Quantum theory

(2 × 15 = 30 marks)

**FIRST SEMESTER B.VOC. DEGREE EXAMINATION
APRIL 2020**

(CUCBCSS—UG)

Pharmaceutical Chemistry

SDC 1B C01—BIOCHEMISTRY

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A (One Word)

*Answer all questions.
Each question carries 1 mark.*

1. Simplest amino acid is _____.
2. Example for sulphur side chain amino acid is _____.
3. Amino acids are linked by _____ bonds
4. Name the enzyme which are considered for biological oxidation and reduction.
5. Give an example for a coenzyme.
6. Give examples for compound lipids
7. Give example for vegetable oil.
8. Fructose is a ketone, but it responds to _____ test.
9. Shape of mRNA is that of a _____.
10. Give the name of any one pyrimidine base.

(10 × 1 = 10 marks)

Section B (Short answer)

*Answer any **eight** questions.
Each question carries 2 marks.*

11. What are peptides ?
12. Discuss the sources of amino acids in living bodies.
13. What is meant by primary structure of a protein ?
14. Give a short note on oxydoductase.

Turn over

15. Draw the structure for the chelate formed in the reaction of glycine with Cu^{2+} ions.
16. What is meant by transamination ?
17. What are gangliosides ?
18. What is meant by specificity of an enzyme ?
19. Give the structure of maltose.
20. Define glycolysis.
21. What are purine bases ?
22. Write a note on calorific value and basal metabolic rate.

(8 × 2 = 16 marks)

Section C (Paragraph)

*Answer any six questions.
Each question carries 4 marks*

23. Give a short note on metabolism of amino acids.
24. Write a note on conjugated and derived proteins.
25. Give a note on enzyme inhibitors.
26. Discuss the mechanism of enzyme action
27. Briefly explain the synthesis of triglycerides.
28. Give a note on sterols.
29. Briefly explain glycogen molecule.
30. Write a note on DNA replication.
31. Write a note on functional test of liver and kidney.

(6 × 4 = 24 marks)

Section D (Essay)

*Answer any two questions.
Each question carries 15 marks.*

32. Explain the types of protein structure.
33. Explain the term Coenzyme with suitable examples.
34. Define and explain the classification of lipids.
35. Define and explain the classification of carbohydrates.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Pharmaceutical Chemistry

CHE 2B 02—THEORETICAL AND INORGANIC CHEMISTRY—II

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A (One word)

*Answer all questions.
Each question carries 1 mark.*

1. The magnetic quantum number of an electron in the 3s orbital is _____.
2. The number of 3d electrons in Cu^{2+} is _____.
3. The lowest energy state of an atom is called its _____.
4. Be shows diagonal relationship with _____.
5. The d-block elements are also called _____ elements.
6. According to modern periodic law, the physical and chemical properties of elements are periodic functions of their _____.
7. The shape of PCl_5 molecule is _____.
8. The state of hybridization of S in SF_6 is _____.
9. A molecule is stable only if its bond order is _____.
10. Orbitals of equal energy are called _____ orbitals.

(10 × 1 = 10 marks)

Section B (Short answer)

*Answer any eight questions.
Each question carries 2 marks.*

11. Give the angular distribution plots for the p-orbitals.
12. Copper (I) is diamagnetic whereas copper (II) is paramagnetic. Why ?
13. Explain the term Hermitian operator.
14. Calculate the effective nuclear charge experienced by the 4s electron of K (Z = 19).

Turn over

15. Arrange the following atoms in the increasing order of electron affinity ; N, O, F, Cl.
16. Why is the second ionisation enthalpy larger than the first ?
17. What is the state of hybridization of N in NH_4^+ molecule and what is the H–N–H bond angle in the ion ?
18. What is a sigma bond ?
19. Define lattice energy.
20. Explain resonance in carbonate ion.
21. Differentiate between intramolecular and intermolecular hydrogen bonding.
22. How do van-derWaals forces depend upon temperature ?

(8 × 2 = 16 marks)

Section C (Paragraph)

Answer any six questions.

Each question carries 4 marks.

23. Explain the extra stability associated with half-filled and completely filled configuration.
24. Discuss the Pauli's Exclusion principle.
25. Explain the terms eigen value and eigen function.
26. Discuss the basic features of Pauling's Scale of electronegativity.
27. Discuss the general characteristics of s-block elements.
28. Give the Born-Landé equation and explain the terms.
29. How does VSEPR theory explain the shape of SF_4 molecule ?
30. How does the concept of hybridization explain the shape of CH_4 molecule ?
31. Discuss the MO diagram of NO.

(6 × 4 = 24 marks)

Section D (Essay)

Answer any two questions.

Each question carries 15 marks.

32. What are quantum numbers ? Discuss the significance of each quantum number.
33. What are the general features of the long form of the periodic table ? Mention its defects also.
34. What are the applications of lattice energy measurements ? Explain.
35. Give an account of MO theory of diatomic molecules taking N_2 molecule as an example.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Multimedia

SDC 1MM 02—INTERNET PROGRAMMING

Time : Three Hours

Maximum : 80 Marks

Section A (Very Short Answer Questions)*Answer all questions. 1 mark each.*

1. What is a FTP program used for ?
 - a) Transfer files to and from an Internet Server.
 - b) Designing a website.
 - c) Connecting to the internet.
 - d) None of the above.
2. Which of the following is not a Valid IP address ?
 - a) 192.168.1.1.
 - b) 222.123.33.45.
 - c) 192.256.67.23.
 - d) 129.22.22.22.
3. _____ is suitable for remote administration of a computer.
 - a) FTP.
 - b) Shell.
 - c) Remote Procedure Call.
 - d) Telnet.
4. The process of doing business online :
 - a) E-Commerce.
 - b) E-Mail.
 - c) E-Marketing.
 - d) Online Shopping.
5. Select the correct URL format
 - a) host://port/path/Protocol.
 - b) Protocol://host:port/host.
 - c) Protocol://port: host/path.
 - d) Protocol://host:port/path.

Turn over

6. What does HTML stand for ?
- Hyper Text Manual Link.
 - Hyperlink And Text Markup Language.
 - Hyper Text Markup Language.
 - Home Tool Markup Language.
7. Choose the correct HTML tag for the largest heading
- <head>.
 - <hl>.
 - <title>.
 - <h6>
8. When should you use path along with file name of picture in IMG tag ?
- Path is optional and not necessary.
 - When the location of image file and html file are different.
 - When image file and html file both are on same location.
 - Path is always necessary when inserting image.
9. Web pages starts with which of the following tag ?
- <Body>.
 - <Title> .
 - <HTML>.
 - <Form>.
10. A collection of frames in the browser window is known as :
- Framegroup.
 - Frameset.
 - Framecollecton.
 - Framelist.

(10 × 1 = 10 marks)

Section B (Short Answer Questions)

*Answer any eight of the following.
2 marks each.*

- What is a url ?
- What is the difference between HTML elements and tags ?
- What is the syntax difference between a bulleted list and numbered list ?
- What you mean by the term WWW ?

15. What are the differences between ID selector and Class selector ?
16. What do you mean by video conferencing ?
17. What's the difference between standards mode and quirks mode ?
18. Explain services of internet ?
19. What are the different classes of web browsers ?
20. What is an HTML form ?
21. What are the advantages of external stylesheets ?
22. What is the difference between the application model of HTML and HTML5 ?

(8 × 2 = 16 marks)

Section C (Short Essay Questions)

Answer any six of the following.

4 marks each.

23. What is the difference between SVG and <Canvas> ?
24. What are some of the major new API's that come standard with HTML5 ?
25. What are JavaScript types ?
26. What are undeclared and undefined variables ?
27. What is TELNET ? Explain its uses.
28. Write a short note about search engines ?
29. Briefly explain the concept of image mapping.
30. What is an event ? Write an example code for onclick event.
31. Explain in detail about the selectors in CSS.

(6 × 4 = 24 marks)

Section D (Essay Questions)

Answer any two questions.

15 marks each.

32. What is domain name server ? Explain in detail about the working of domain name server.
33. How do you personally use social media and what are your experiences from these ?
34. Design a form using HTML form for entering Biodata ?
35. How to make a link to frameset, image, e-mail, new window and within a page ?

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Multimedia

SDC 1MM 01—OFFICE AUTOMATION AND MALAYALAM COMPUTING

Time : Three Hours

Maximum : 80 Marks

Section A (Very Short Answer Questions)*Answer all questions. 1 mark each.*

1. _____ option from clipboard is used to move data from one place to another in a document.
 - a) Copy & Paste.
 - b) Cut & Paste.
 - c) Bold.
 - d) Justify.
2. What is the smallest and largest font size available in Font Size tool on formatting toolbar ?
 - a) 8 and 72.
 - b) 8 and 64.
 - c) 12 and 72.
 - d) None of above.
3. Shortcut for document views toolbar is situated in _____ bar.
 - a) Task bar.
 - b) Status bar.
 - c) Tool bar.
 - d) Title bar.
4. A character that is raised and smaller above the baseline is known as _____.
 - a) Outlined.
 - b) Raised.
 - c) Superscript.
 - d) Subscript.
5. Borders can be applied to _____.
 - a) Cells.
 - b) Paragraph.
 - c) Text.
 - d) All of above.
6. Thesaurus tool in MS Word is used for _____.
 - a) Spelling suggestions.
 - b) Grammar Options.
 - c) Synonyms and Antonyms words.
 - d) All of above.

Turn over

7. Which option is not available in Insert Table Auto fit behaviour ?
- a) Fixed Column Width. b) AutoFit to Contents.
c) Auto fit to Window. d) Auto fit to Column.
8. Comments put in cells are called _____.
- a) Smart Tip. b) Cell Tip.
c) Web Tip. d) Soft Tip.
9. Which area in an excel window allows entering values and formulas ?
- a) .Title bar. b) Menu bar.
c) Formula bar. d) Standard toolbar.
10. An excel workbook is a collection of _____.
- a) Workbooks. b) Worksheets.
c) Charts. d) Worksheets and charts.

(10 × 1 = 10 marks)

Section B (Short Answer Questions)

*Answer any eight of the following.
2 marks each.*

11. What are the different internet Protocol ?
12. What is Ribbon in Word ?
13. What is NPV ? How it is used in spreadsheets ?
14. How will you set up page for your document ?
15. What is Hyperlink ? How we create a hyperlink.
16. Define indentation ?
17. What is meant by formatting a document ?
18. What is a spreadsheet ?
19. Write a note on the formatting of worksheet ?
20. What is IRR ? How it is used in spreadsheets ?
21. What is a label ? How it can be edited ?
22. What is an active cell ? How cells, Columns and rows can be selected using mouse ?

(8 × 2 = 16 marks)

Section C (Short Essay Questions)

Answer any six of the following.

4 marks each.

23. What are Spreadsheets ? Explain any *two* features available in a spreadsheet for analysis of data related to business.
24. Explain the method of selecting and editing multiple worksheets.
25. Give a brief account of the functions used in Excel.
26. What is Pivot Table ? What is its use ?
27. State the techniques of selecting text.
28. What is a format painter ? How it is used ?
29. How will you place text in a column format ?
30. What is an IP address and what are its characteristics.
31. What are PowerPoint templates ?

(6 × 4 = 24 marks)

Section D (Essay Questions)

Answer any two questions.

15 marks each.

32. What are the techniques available in Word to apply different styles to the text of a document ?
33. How will you create a scenario ? What are scenario report ? For what purpose it is used in business area.
34. Explain the process of mail merge in MS-Word.
35. Discuss the important database functions used in Excel.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Multimedia

GEC 1FC 02—FUNDAMENTALS OF COMPUTER

Time : Three Hours

Maximum : 80 Marks

Section A (Very Short Answer Questions)

Answer all questions.

1. GUI Stands for _____.
2. Optical character recognition is also called _____.
3. _____ is a system that has an input devices and output device as its components.
4. _____ is a standard input device.
5. OCR Stands for _____.
6. RAM stands for _____.
7. Give any *two* examples for secondary memory ?
8. Expand UNIVAC.
9. In a flow chart flow line represented the _____.
10. In a flow chart diamond shape is represented for _____ to one of the two possible paths.

(10 × 1 = 10 marks)

Section B (Short Answer Questions)

*Answer any **eight** of the following.**2 marks each.*

11. Explain OCR.
12. Difference between Bitmap and Vector image.
13. Define CPU, ALU, and CU.
14. Explain cordless mouse.
15. What are the benefits of E-Commerce ?

Turn over

16. Explain scope of Multimedia.
17. What is the memory ?
18. Difference between Ram and Rom.
19. Define and express the difference between WAN and MAN.
20. Define Diagnostic Routines.
21. What is a Magnetic Disk and its types ?
22. Define Application Software.

(8 × 2 = 16 marks)

Section C (Short Essay Questions)

Answer any six of the following.

4 marks each.

23. Explain the difference between governance and E- governance ?
24. What are the characteristics of computer ?
25. Explain the features of Multimedia.
26. Draw a flow chart to find sum of n natural numbers.
27. Explain different types of operating systems.
28. Write short note on different types of computers.
29. Define system software? Explain functions of system software ?
30. What are the factors affecting the storage capacity of Magnetic Disk ?
31. Differentiate between input language and binary language.

(6 × 4 = 24 marks)

Section D (Essay Questions)

Answer any two questions.

Each question carries 15 marks.

32. Illustrate the scope of multimedia in e-governance.
33. Define output devices ? Explain types, advantages, disadvantages of output devices ?
34. Narrate briefly the history of computers.
35. Explain the application of multimedia in entertainment and advertisement.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Logistics Management

SDC 1LM 03—INTRODUCTION TO LOGISTICS MANAGEMENT

Time : Three Hours

Maximum : 80 Marks

Part A*Answer all questions.**Each question carries 1 mark.*

1. Which of the following is not a part of LSCM ?
 - a) Supplier.
 - b) Manufacturers.
 - c) Information Flow.
 - d) Competitor.
 - e) Customer.
2. Logistics aspect of a value delivery chain is _____.
 - a) Supply chain.
 - b) Direct store delivery.
 - c) Value orientation.
 - d) Inventory planning.
3. Which of the following is not part of transportation ?
 - a) Warehouse.
 - b) Rail.
 - c) Truck.
 - d) Ship.
4. Which of the following statements is true of LEAN ?
 - a) Lean principles focus on advanced statistical methods.
 - b) Lean principles are separate body of Knowledge.
 - c) Lean principles have been developed over a lengthy period of time.
 - d) Lean principles include reducing waste.
5. 3-PL stands for _____.
 - a) Three points logistics.
 - b) Third party logistics.
 - c) Three points location.
 - d) None of the above.

Turn over

Part C (Short Essay Questions)

Answer any six questions.

Each question carries 4 marks.

23. Explain the works of Logistics.
24. What are the factors influencing designing of logistical Strategies ?
25. What is Procurement ? Explain the Steps
26. Explain the role of Outsourcing in Logistics.
27. What are the elements of customer services ?
28. What are the reasons for logistics outsourcing ?
29. What is Integrated Logistics ? Explain its objectives.
30. Explain the 7 Rs of logistics.
31. Differentiate between Logistics management and Supply Chain management.

(6 × 4 = 24 marks)

Part D (Essay Questions)

Answer any two questions.

Each question carries 15 marks.

32. Explain the Logistics interface with marketing.
33. What is supply chain management ? Who are the participants of supply chain?
34. What is material handling ? Explain the objectives and equipments used in material handling .
35. State the relevance of IT on logistics.

(2 × 15 = 30 marks)

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(Pages : 5)

Name.....

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FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Logistics Management

SDC 1L M02—FUNDAMENTALS OF ACCOUNTING

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 1 mark.

1. _____ is the most popular method of preparing trail balance.
2. A trail balance prepared without taking into account the effect of adjusting entries is known as _____.
3. The person to whom the amount mentioned in the promissory note is payable is known as _____.
4. Transfer of negotiable instrument to another person by signing on it is known as _____.
5. Carriage inward is a _____ expense.
6. Double entry system involves atleast _____ accounts.
7. Double entry book-keeping was started by :
 - a) Peter f Drucker.
 - b) Adam smith.
 - c) Lucas Pacioli.
 - d) Henry fayol.
8. The matching principle attempts to find satisfactory bases of association between :
 - a) Assets and liabilities.
 - b) Expenses and revenues.
 - c) Internal equities and external liabilities.
 - d) None of these.
9. Which financial statement uses the expanded accounting equation ?
 - a) Income statement.
 - b) Balance sheet.
 - c) Cash flow statement.
 - d) Fund flow statement.

Turn over

10. The accrual basis of accounting records revenue when they are :
- a) Collected.
 - b) Earned.
 - c) Contracted.
 - d) Readily available for use.

(10 × 1 = 10 marks)

Part B (Short Answer Questions)

*Answer any eight questions.
Each question carries 2 marks.*

- 11. Define Accounting.
- 12. Explain Accounting equation.
- 13. What is bill of exchange ?
- 14. What is depreciation ?
- 15. What are reserves ?
- 16. What is economic entity consumption ?
- 17. What is triple column cash book ?
- 18. What are the common errors in accounting ?
- 19. What is bank reconciliation statement ?
- 20. What are fictitious assets ?
- 21. What is revenue recognition principle ?
- 22. What is materiality concept ?

(8 × 2 = 16 marks)

Part C (Short Essay Questions)

*Answer any six questions.
Each question carries 4 marks.*

- 23. Explain the need and importance of Accounting.
- 24. What is Bank Reconciliation statement ? Explain it needs.
- 25. Explain different methods of recording Depreciation.
- 26. A company acquired a machine on 1st January 2016 at a cost of Rs. 50,000 and spend Rs. 1,000 on its installation. The firm writes off depreciation 10 % on the diminishing balance. The books are closed on 31st December of each year. Show the machinery account for 3 years.

27. From the following information prepare Trading & profit and loss account for the year ended 31-03-2018

Machinery Rs. 3,500	Debtors Rs. 2,700
Drawings Rs. 900	Purchases Rs. 9,500
Wages Rs. 5,000	Bank Rs. 1,500
Opening stock Rs. 2,000	Rent Rs. 450
Sundry expenses Rs.200	Carriage Rs. 150
Capital Rs. 1,00,000	Creditors Rs. 1,400
Sales Rs. 14,500	

28. From the following information prepare Balance sheet of a trader as at 31st March 2016 arranging the assets and liabilities in order of performance and in order of liquidity :

Goodwill Rs. 20,000	Capital Rs. 1,80,000
Liabilities for expenses Rs. 1,200	Cash in hand Rs. 1,000
Investment Rs. 15,000	Bills payable Rs. 10,700
Net profit Rs. 92,600	Sundry debtors Rs. 50,000
Land and building Rs. 60,000	Bank Rs. 20,000
Sundry creditors Rs. 63,000	Bills receivable Rs. 13,000
Plant and machinery Rs. 40,000	Provision for doubtful debts Rs. 2,500
Closing stock Rs. 80,000	Furniture Rs. 16,000
Drawings Rs. 30,000	

29. Prepare a simple cash book from the following items :

01-01-2018 Paid rent Rs. 48,000
 05-01-2018 Paid commission Rs. 14,000
 08-01-2018 Purchase goods for cash Rs. 10,000
 10-01-2018 Received commission Rs. 20,000
 14-01-2018 Insurance received Rs. 50,000
 20-01-2018 Interest received Rs. 5,000
 25-01-2018 Interest paid Rs. 3,000
 26-01-2018 Sold goods for cash Rs. 15,000.

Turn over

30. From the following particulars of anil and company prepare a bank reconciliation statement as on 31-08-2018 :
- Bank balance as per cash book Rs. 54,000.
 - Rs. 100 incidental charges debited to Anil and company which is not recorded in cash account.
 - Cheques for Rs. 5,400 is deposited in the bank but not yet collected by bank.
 - Cheque for Rs. 20,000 is issued by Anil and company but not purchased for payment.
31. Differentiate between Straight line method and Written down value method.

(6 × 4 = 24 marks)

Part D (Essay Questions)*Answer any two questions.**Each question carries 15 marks.*

32. The following is the trail balance of Manju & Company Ltd as on 31st March, 2018. You are required to prepare Final account as on that date :

Trail Balance as on 31.03.2018

Particulars	Dr (Rs.)	Cr (Rs.)
Opening Stock	10,000	
Purchases and Sales	40,000	80,000
Returns	200	600
Productive wages	6,000	
Dock and clearing charges	4,000	
Donation and charity	600	
Delivery van expenses	6,000	
Lighting expenses	500	
Sales tax collected		1,000
Bad debts	600	
Miscellaneous income		6,000
Rent from tenants		2,000
Royalty	4,000	

Particulars	Dr (Rs.)	Cr (Rs.)
Capital		40,000
Drawings	2,000	
Debtors and Creditors	6,000	7,000
Cash	3,700	
Investment	6,000	
Patent	4,000	
Land & Building	43,000	

33. Compute cost of goods sold for the year 2018 with the help of following information and prepare Trading account

Sales Rs. 20,00,000

Purchases Rs. 15,00,000

Wages Rs. 1,00,000

Stock (1st April, 2017) Rs. 3,00,000

Stock (31st March, 2018) Rs. 4,00,000

Freight (carriage) inwards Rs. 1,00,000

34. Golden Company acquires a machinery costing Rs. 1,00,000 on 1st April 2013 for a term of 5 years. You find it from annuity table that in order to write off the machinery on the annuity method at 12% p.a interest. The amount to be written off annually works out to be Rs. 0.2556091 for every rupee. Prepare Machinery account for all the 5 years books are closed on 31st March every year.

35. What is Accounting ? Explain needs and Principles of accounting.

(2 × 15 = 30 marks)

(B) Fill in the blanks :

- 6 The different arrangements of a given number of things by taking some or all at a time are called _____.
- 7 _____ number are closure under addition, subtraction and multiplication.
- 8 If two matrices order and their corresponding element are same is called _____.
- 9 _____ allow you to save on taxes and derive benefit on retirement.
- 10 A _____ is a change or slight difference in a level, amount or quantity.

(10 × 1 = 10 marks)

Part B

Answer any eight questions.

Each question carries 2 marks.

- 11 What is null matrix ?
- 12 What is determinant ?
- 13 What is super set ?
- 14 What is inverse property ?
- 15 What is variation ?
- 16 What is present value ?
- 17 What is skew symmetric matrix ?
- 18 What is immediate annuity ?
- 19 What do you mean by closure property ?
- 20 Calculate 6 !
- 21 What is Singleton Set ?
- 22 What is order of matrix ?

(8 × 2 = 16 marks)

Part C

Answer any six questions.

Each question carries 4 marks.

- 23 Explain rational number, natural number and integers.

- 24 Find the sum at the end of 4 years for Rs.1,000 at 10% p.a, compound interest.
- 25 What number must be added to each term of the ratio of 25 : 37 to get the ratio 5 : 7 ?
- 26 Solve $y^2 - y = 7$.
27. Find out :
- Compound ratio of 2 : 3.
 - Triplicate ratio of 1 : 2.
 - Duplicate ratio of 49 : 64.
 - Sub triplicate ratio of 8 : 27.
- 28 If P varies directly as the square of Q and $P = 20$, $Q = 5$; Find P when $Q = 15$.
- 29 Solve $7(x - 2) + 8(x - 3) - 22 = x + 10$.
- 30 Find the values of ${}^7P_7, {}^6P_2, {}^9P_3, {}^6P_0$.

31 If $A = \begin{bmatrix} 1 & 4 \\ 2 & 5 \\ 3 & 6 \end{bmatrix}$, $B = \begin{bmatrix} -1 & -2 \\ 0 & 4 \\ 3 & 1 \end{bmatrix}$. Find the matrix X such that $A + B - X = 0$.

(6 × 4 = 24 marks)

Part D

Answer any two questions.

Each question carries 15 marks.

- 32 What is permutations ? Explain the equations and steps to do.
- 33 Represent the following using Venn diagrams :
- $A \cup B$.
 - $A \cap B$.
 - $A - B$.
 - A^C .

Turn over

34 Given $A = \begin{bmatrix} 2 & 2 & 2 \\ 1 & 1 & -3 \\ 1 & 0 & 4 \end{bmatrix}$ $B = \begin{bmatrix} 3 & 3 & 3 \\ 3 & 0 & 5 \\ 6 & 9 & -1 \end{bmatrix}$ $C = \begin{bmatrix} 4 & 4 & 4 \\ 5 & -1 & 0 \\ 2 & 3 & 1 \end{bmatrix}$. Find $A + B - C$.

35 Solve :

$$2x - y = 5$$

$$3x - 4y = 10.$$

(2 × 15 = 30 marks)

CHMK LIBRARY UNIVERSITY OF CALICUT

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Logistics Management

GEC 1B M03—IT FOR BUSINESS

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer all questions.**Each question carries 1 mark.*

1. The file in Microsoft Excel is called _____.
2. The F5 function key is used to _____.
3. Fax is used in telecommunications to transmit and _____ documents.
4. Systems that allow information to be shared by many users are also called _____.
5. When we cut text, it is stored, on the _____.
6. The spelling tool is placed on _____ toolbar.
 - A) Standard.
 - B) Formatting.
 - C) Drawing.
 - D) Reviewing.
7. Layout is in _____ bar.
 - A) Menu bar.
 - B) Title bar.
 - C) Tool bar.
 - D) Tool box.
8. The style is draw a vertical line through the middle of each word is called _____.
 - A) Reverse.
 - B) Strike thru.
 - C) Italic.
 - D) Normal.
9. A worksheet range is a :
 - A) A command used for data modeling.
 - B) A range of values such as from 23 to 234.
 - C) A group of cells.
 - D) A group of worksheets.

Turn over

28. How can you clear contents in a cell in a worksheet ?
29. How can you insert online video in PowerPoint ?

(6 × 4 = 24 marks)

Part D (Essay Questions)

Answer any two questions.

Each question carries 15 marks.

30. What are the techniques available in word to apply different styles to the Text of a document ?
31. How to prepare a slide presentation in spreadsheet, and also explain its user interface.
32. What is computer software ? Explain different types of computer software.
33. Write a note on modern communication methods.

(2 × 15 = 30 marks)

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FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Jewellery Designing

SDC 1JD 02—JEWELLERY DESIGNING—Paper II

Time : Three Hours

Maximum : 80 Marks

Section A (Very Short / Objective Question Answers)*Answers all questions.**(1 mark each).*

1. The selection of the front view in executing multi view drawing of an object is dependent upon the following factors :
 - (a) Size and shape of the object and their relationship to all views.
 - (b) The number of principal views required and the related auxiliary views needed to describe the object.
 - (c) The greatest contour shape, the related dashed lines, and the position of use.
 - (d) The size of the object, size of the paper, position of use, and least number of hidden lines.
2. Principle planes will appear as :
 - (a) Normal planes or edges.
 - (b) Oblique planes or edges.
 - (c) Normal planes or oblique planes.
 - (d) Skewed planes or edges.
3. When a surface of an object is inclined to a plane of projection, it will appear _____ in the view ?
 - (a) Foreshortened.
 - (b) In true size and shape.
 - (c) As a line.
 - (d) As a point.
4. The top view of an object should typically be drawn :
 - (a) To the right of the front view.
 - (b) Anywhere on the same page.
 - (c) Directly above the front view.
 - (d) On a separate piece of paper.

Turn over

5. An asymmetric object is usually described by how many views ?
- (a) 6. (b) 3.
(c) 4. (d) 2.
6. The top and right side views have what common dimension (s) ?
- (a) Height and width. (b) Width and depth.
(c) Height. (d) Depth.
7. Depending on its relationship to the projection plane on which the view is projected, a line may project :
- (a) True length. (b) Foreshortened.
(c) As a point. (d) All of the above.
8. Some of the common terms used to describe technical drawing include :
- (a) Drafting. (b) Engineering Graphics.
(c) Engineering Drawing. (d) All of the above.
9. Line composed of closely and evenly spaced short dashes in a drawing represents :
- (a) Visible edges. (b) Hidden edges.
(c) Hatching. (d) Pitch circle of gears.
10. The curve generated by a point on the circumference of a circle, which rolls without slipping along outside of another circle is known as :
- (a) Hypocycloid. (b) Epicycloid.
(c) Cycloid. (d) Trochoid.

(10 × 1 = 10 marks)

Section B (Short answer)

*Answer any eight questions.
Each question carries 2 marks.*

11. What is one point Perspective ?
12. What is the use of a set square ?
13. What are the three different types of Drawing Pencils ?
14. What do you mean by orthogonals ?
15. What are the two different types of Projection Angles ?
16. What is a sketch ?
17. What is smudging of tones ?
18. What do you mean by free hand drawing ?
19. Give the difference between artistic drawing and technical drawing.
20. How can one be creative in drawing ?
21. What is back and forth stroke pencil drawing technique ?
22. How do we date drawings ?

(8 × 2 = 16 marks)

Section C (Short essays)

*Answer any six questions.
Each question carries 4 marks.*

23. Draw a simple shape with one point perspective and explain.
24. Write a note on pencil techniques.
25. How do you choose pencil for drawing ?
26. Draw an object below eye level.
27. Draw a cylindrical object/a piece of jewellery.
28. What do you mean by hue of colour ?
29. What do you mean by value of colour ?
30. Depict burnishing in a 6 cm. × 4 cm. box.
31. Draw a cube with light reflecting on left top.

(6 × 4 = 24 marks)

Turn over

Section D (Essays)

Answer any two questions.

Each question carries 15 marks.

32. What is the significance of Rendering in a jewellery piece in various perspective ?
33. Draw values (scale 10 to 0) using vertical lines.
34. Depict chroma of a colour in a piece of jewellery.
35. Draw 2D and 3D piece of jewellery.

(2 × 15 = 30 marks)

CHMK LIBRARY UNIVERSITY OF CALICUT

**FIRST SEMESTER B.VOC. (CUCBCSS—UG) DEGREE
EXAMINATION, APRIL 2020**

Jewellery Designing

SDC 1JD 01—JEWELLERY DESIGNING—Paper I

Time : Three Hours

Maximum : 80 Marks

Section A (Very Short / Objective Question Answers)

Answers all questions.

Each question carries 1 mark.

1. Formal balance is another word for which type of balance ?
 - (a) Asymmetrical.
 - (b) Radial.
 - (c) Symmetrical.
 - (d) Geometric.
2. Secondary colors are obtained by mixing two _____ colors.
 - (a) Neutral.
 - (b) Complementary.
 - (c) Primary.
 - (d) Intermediate or Tertiary.
3. What is 18k Rose gold ?
4. Amethyst was once thought to prevent
 - (a) Marriage.
 - (b) Drunkenness.
 - (c) Death.
 - (d) Pregnancy.
5. Long thin inclusions, whether tubes filled with air, liquid or solid crystals, are commonly called :
 - (a) Branches.
 - (b) Lattice bars.
 - (c) Needles.
 - (d) Pins.
6. You are mostly likely to find large stones in which of the following varieties ?
 - (a) Emerald.
 - (b) Citrine.
 - (c) Tsavorite.
 - (d) Alexandrite.
7. Minute octahedral inclusions aligned in a plane indicate.
 - (a) Natural glass.
 - (b) Synthetic spinel.
 - (c) Synthetic flame fusion corundum.
 - (d) A natural stone.

Turn over

8. If an inclusion stands out in sharp contrast to the gemstone it is called :
- (a) A reflector. (b) Bas-relief.
(c) High-relief. (d) Low-relief.
9. Gems and jewellery, more than anything else, are sold with :
- (a) High pressure sales tactics. (b) Magic and romance.
(c) Warranties. (d) The feeling of value.
10. The organic gem believed to be the oldest gem material, with personal adornment use dating back more than 6,000 years, is :
- (a) Amber. (b) The pearl.
(c) Jet. (d) Opal.

(10 × 1 = 10 marks)

Section B (Short answer)

Answer any eight questions.

Each question carries 2 marks.

11. Define texture.
12. What is the expressive power of lines ?
13. Explain the psychological effects of space.
14. How is light used in a visual design ?
15. What are the psychological effects of light ?
16. Explain the physical effect of colour.
17. What is sequence of design ?
18. What is rhythm ?
19. What is invisible setting ?
20. What is pear/drop cut ?
21. Give the names of semi-precious stones.
22. What are the different cabochon cuts ?

(8 × 2 = 16 marks)

Section C (Short Essays)

Answer any six questions.

Each question carries 4 marks.

23. Discuss precious, and non-precious metals being used in jewellery industry.
24. Explain colour schemes.
25. Write a note on colour contrasting.
26. How are the gemstones classified ?
27. Discuss on nickel allergy.
28. Demonstrate your knowledge of positive and negative space. What is positive space in your composition ?
29. Show emphasis though the use of color. What is another way to show emphasis ?
30. Draw three different kinds of line. What kind of mood does your composition suggest ?
31. Explain tactile texture.

(6 × 4 = 24 marks)

Section D (Essays)

Answer any two questions.

Each question carries 15 marks.

32. Discuss different types of gemstone settings.
33. Explain Moh's scale of hardness with suitable examples
34. What are directional principles of design? Explain in brief about each of them.
35. Explain finger hole profile with suitable diagrams.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Gemmology

SDC 1GM 02—GEMMOLOGY Paper II

Time : Three Hours

Maximum : 80 Marks

*Draw neat sketches wherever necessary.***Section A (Objective Type Questions)***Answer all ten questions.**Each question carries 1 mark.*

1. Which gem represents the moon in Navaratna ?
2. The gem in Navaratna which represents Ketu.
3. In Navaratna emerald represents which planet ?
4. The gem placed at the top in Navaratna.
5. Which gem is referred to as 'ratnaraj' in Sanskrit ?
6. The colourless variety of beryl is —————.
7. What are the colouring elements of pink sapphire ?
8. The twinning present in chrysoberyl.
9. The third hardest naturally occurring gemstone.
10. ————— exhibits 'milk and honey' effect.

(10 × 1 = 10 marks)

Section B (Short Answer Type Questions)*Answer any eight questions.**Each question carries 2 marks.*

11. Write down the occurrence of chrysoberyl.
12. Write briefly on the occurrence of corundum.
13. Write a short note on the hardness of diamond.
14. Distinguish between maxixe beryl and blue beryl.
15. Give a short account of Pinetada margarifera.

Turn over

16. Write a brief note on the simulants of emerald.
17. How are diamonds classified ?
18. Give the simulants of pearl.
19. Give the simulants of blue sapphire.
20. What are the simulants of yellow sapphire ?
21. Give the simulants of hessonite garnet.
22. What is reinforced coral ?

(8 × 2 = 16 marks)

Section C (Short Essay type questions)

Answer any six questions.

Each question carries 4 marks.

23. Describe the sapphires from around the world.
24. Give an account of the important factors to be considered while choosing a ruby.
25. Describe the physical and optical properties of ruby.
26. Describe the physical and optical properties of emerald.
27. Describe the physical and optical properties of chrysoberyl.
28. Give an account on alexandrite production in India.
29. Discuss the colour of sapphires.
30. Discuss the distinguishing features of Columbian emerald and Zambian emerald.
31. How do you distinguish Russian ruby from Burma ruby ?

(6 × 4 = 24 marks)

Section D (Essay type questions)

Answer any two questions.

Each question carries 15 marks.

32. Explain how life on earth is influenced by the navagrahas according to Hindu astrology.
33. Describe the different gems under beryl family and their colouring agents.
34. Discuss the different inclusions of sapphires and their chemical composition.
35. Give an account of the diamonds and their simulants.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Gemmology

SDC 1GM 01—GEMMOLOGY Paper I

Time : Three Hours

Maximum : 80 Marks

*Draw neat sketches wherever necessary.***Section A (Objective Type Questions)***Answer all ten questions.**Each question carries 1 mark.*

1. The system of crystallization of diamond.
2. The hexagonal system has _____ number of crystallographic axes.
3. A crystal form is made of identical crystal _____.
4. The optical phenomenon caused by reflective mineral inclusions in gems.
5. The green colour of emerald is due to the element _____.
6. Which among the following is the hardest mineral in Moh's Scale of hardness? -Fluorite, Orthoclase, Quartz, Topaz.
7. The refractive index of diamond.
8. The phenomenon of splitting of white light.
9. The angle of refraction at the critical angle.
10. The typical fracture in metals.

(10 × 1 = 10 marks)

Section B (Short Answer Type Questions)*Answer any eight questions.**Each question carries 2 marks.*

11. What is optical isotropism ?
12. Define lustre. Give an example.
13. Define isomorphism.
14. What is triboluminescence ?

Turn over

15. State the principle of conoscopy.
16. Explain plane of symmetry in crystals with an example.
17. Give a geologic definition of mineral.
18. What is meant by uniaxial mineral ?
19. Define pleochroism.
20. Define crystal lattice.
21. What is meant by cleavage of a mineral ?
22. What is metamictization ?

(8 × 2 = 16 marks)

Section C (Short Essay Type Questions)

Answer any six questions.

Each question carries 4 marks.

23. Explain refraction and the laws of refraction.
24. Explain total internal reflection and critical angle with examples.
25. Explain doublet loupe and its setting.
26. Explain pinpoint - source illumination with examples.
27. Describe the testing of hardness in gemstones.
28. Describe the difference between crystalline and amorphous materials.
29. Explain chromatic aberration with suitable examples.
30. Describe spectroscope and reflected spectra.
31. Describe different types of fractures in minerals.

(6 × 4 = 24 marks)

Section D (Essay Type Questions)

Answer any two questions.

Each question carries 15 marks.

32. Describe the important physical properties of gemstones.
33. Discuss the optical properties of gemstones.
34. Discuss conoscopic arrangement and its use in gemstone studies.
35. Explain faceting of gemstones and types of gem cuts.

(2 × 15 = 30 marks)

**FIRST SEMESTER B.VOC. (CUCBCSS—UG) DEGREE EXAMINATION
APRIL 2020**

Gemmology/Jewellery Designing

GEC 11C 03—INTRODUCTION TO COMPUTER

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer all questions.
Each question carries 1 mark.*

1. An example for an optical storage unit.
2. Which of the following is audio file format ?
 - (a) AVI.
 - (b) Wav.
 - (c) JPEG.
 - (d) None of the above.
3. GUI stands for _____.
4. _____ is an example for non-contact printer.
5. Which of the following is an operating system ?
 - (a) MS Access.
 - (b) UNIX.
 - (c) Google Chrome.
 - (d) None of the above.
6. MP3 is :
 - (a) Compressed video.
 - (b) Compressed image.
 - (c) Compressed audio.
 - (d) None of the above.
7. http stands for _____.
8. Expand CDMA _____.
9. Extension of MS excel file is _____.
10. Expand VGA.

(10 × 1 = 10 marks)

Part B

*Answer any ten questions.
Each question carries 2 marks.*

11. Write a note on LINUX OS.
12. What is ALU ?

Turn over

13. What do you mean by main frame computer ?
14. What is a modem ?
15. Write a note on JPEG file format
16. What do you mean by file compression ?
17. What is Bluetooth technology?
18. What is cloud computing ?
19. Write a note on open source softwares
20. What is a browser ?
21. What are hyperlinks ?
22. What do you mean by Podcasting ?

(10 × 2 = 20 marks)

Part C

Answer any five questions.

Each question carries 6 marks.

23. Discuss about primary and secondary memories.
24. Discuss about any 4 output devices.
25. Discuss about various computer networks.
26. Write notes on various image file formats.
27. Write about mobile communication technology.
28. Explain the features of MS Word.
29. Discuss the features of on-line media.
30. Write a detailed note on the uses and applications of websites.

(5 × 6 = 30 marks)

Part D

Answer any two questions.

Each question carries 10 marks.

31. What are the different types of Operating systems ? Explain the significance and applications of OS.
32. Write in detail about the functions in MS Excel. Explain any *four* Arithmetic and Text functions.
33. Explain the structure of a computer with a proper diagram.

(2 × 10 = 20 marks)

First Semester B.Voc. (CUCBCSS-UG) Degree Examination, November 2019**FISH PROCESSING TECHNOLOGY****SDC 1AQ 02 – FISH NUTRITION**

Time: 3 hours

Maximum Marks: 80

Section A**(Answer all 10 questions. Each question carries 1 mark)**

1. Name one method for live feed enrichment.
2. State true or false: Fat soluble vitamins can be taken in excess without any danger
3. Fishes consuming planktons are called
4. Unsaturated fat is in the form of at room temperature.
(a) liquid (b) solid (c) gas (d) none of the above
5. Give an example of fish without stomach
6. Expand BV
7. Name two anti nutritional factor
8. Energy from the metabolism of nutrients is released as
(a) heat (b) ATP (c) water (d) CO₂ (e) both a and b
9. Scurvy is due to a deficiency of
(a) Vitamin E (b) Thiamin (c) Ascorbic acid (d) Folate (e) Vitamin B12
10. The protein-digesting enzyme, trypsin, chymotrypsin and carboxy peptidases are produced by
(a) pancreases (b) liver (c) duodenum (d) stomach (e) ileum

(10x1 = 10 marks)**Section B****(Answer any eight questions. Each question carries 2 marks)**

11. Briefly explain the types of teeth present in fishes.
12. Mention the main functions of stomach in fishes.
13. Briefly explain the digestion of proteins.
14. Name the six essential nutrients.

TURN OVER

15. What is metabolism?
16. What is digestible energy?
17. What are carbohydrates?
18. Name four nutritional deficiency disorders and mention the nutrients required.
19. What are the common additives in finfish and shellfish feed?
20. What are the adaptations of molluscs in feeding?
21. What are various biological methods for evaluation of feeding strategy?
22. What is gross energy?

(8x2 = 16 Marks)

Section C

(Answer any six questions. Each question carries 4 marks)

23. What are the plant protein sources? Explain its uses with examples.
24. Comment on the importance of rotifers as live feed.
25. Explain hatching methods of Artemia cyst.
26. What are the feeding adaptations found in fishes and crustaceans?
27. What are amino acids and explain the types of amino acids with examples.
28. Explain the sources, utilization and negative aspects of carbohydrates.
29. What are various feed additives and mention their uses and impact on fish health.
30. Explain (a) Gross protein requirements (b) nitrogen balance
31. Discuss about the role of probiotics in fish and shellfish nutrition citing suitable examples.

[6x4 = 24 marks]

TURN OVER

Section D

(Answer any two questions. Each question carries 15 marks)

32. Explain minerals its recommended dietary allowance their deficiency and the effect of hyper-dosage.
33. Explain the nutritive values of phytoplankton, rotifers cladocerns, Artemia and comment on the recent advancements in the larval nutrition.
34. Describe proteins amino acids, carbohydrate and lipids and their role in fish nutrition health.
35. Describe various steps in fish feed manufacturing.

[2x15= 30 marks]

CHMK LIBRARY UNIVERSITY OF CALICUT

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Food Science

SDC 1F S04—FOOD SCIENCE AND NUTRITION

Time : Three Hours

Maximum : 80 Marks

(A) Answer the following questions :

- 1 Precursor of vitamin A ?
- 2 Which mineral the most abundant in the human body ?
- 3 Pantothenic acid is the amide between _____ and _____ ?
- 4 Expand GM food.
- 5 Name the protein present in milk.
- 6 Vitamin B6 is also called ?
- 7 What is nutraceuticals ?
- 8 How will you convert calorie to joule ?
- 9 Define health.
- 10 Why human milk is called the sweetest milk ?

(10 × 1 = 10 marks)

(B) Answer any *eight* of the following :

- 1 Classification of minerals.
- 2 What really is a junk food ? Is that healthiest ?
- 3 Define vitamins.
- 4 Differentiate organic foods and functional foods.
- 5 Deficiency of iron and iodine.
- 6 Definition and types of malnutrition.
- 7 Give an account of nutritional value of fruits and vegetables in diet.
- 8 Write briefly on water balance.

Turn over

- 9 Highlight the factors affecting BMR.
- 10 Describe food as a source of energy.
- 11 Classification of foods based on origin.
- 12 Bioavailability and deficiency of calcium.

(8 × 2 = 16 marks)

(C) Answer any six of the following :

- 1 Malnutrition
- 2 Functions of food.
- 3 Write the differences between water and fat soluble vitamin.
- 4 What is food pyramid ? Draw and explain.
- 5 Classify nutraceuticals based on food source.
- 6 What do you mean by “nutritional status”.
- 7 Enrichment and fortification, give examples for both.
- 8 Water functions and sources.
- 9 Explain the relationship between food and health.

(6 × 4 = 24 marks)

(D) Answer any *two* of the following :

- 1 Write details on minerals.
- 2 Explain vitamin A with reference to :
 - a) Functions
 - b) Deficiency
 - c) Requirements
 - d) Sources
- 3 Give an account on nutrition on Athletes.
- 4 Write the concept and definition of terms :
 - a) Nutrition and health.
 - b) Malnutrition.
 - c) Characteristics of a reference man and women.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Food Science

SDC1FS03—PRINCIPLES OF FOOD PRESERVATION

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer all the following questions.
Each question carries 1 mark.*

1. Name the bacteria which resist high salt concentration.
2. Define smoking.
3. Define 'hermetically sealed containers'.
4. Give the pressure range of HPP.
5. What is the major difference between drying and dehydration ?
6. Give one example for fermented pickling.
7. Expand HACCP.
8. Name any fumigant used for fumigation purpose.
9. Expand BHA.
10. What is the pH range of low acid foods ?

(10 × 1 = 10 marks)

Part B

*Answer any eight questions.
Each question carries 2 marks.*

1. Define food preservation.
2. What is E numbering ?
3. Describe UHT processing.
4. Explain Exhausting process.
5. Write about Pseudo yeast.
6. What are the advantages of canning ?

Turn over

7. Briefly explain about cabinet dryer.
8. Write about disinfection process.
9. Explain dry heat sterilization.
10. Briefly explain Psychrophiles.
11. Explain about oxidation.
12. Write briefly about osmosis.

(8 × 2 = 16 marks)

Part C

*Answer any six questions.
Each question carries 4 marks.*

1. Write about shelf-life study of foods.
2. Describe spoilage in canned foods.
3. Write about modified atmospheric packaging (MAP).
4. Explain chemical methods of sterilization.
5. Differentiate between refrigeration and freezing.
6. Differentiate between drying and curing.
7. Differentiate artificial and natural colors used in food.
8. Write about Class II food additives.
9. Write about fermentation in food processing.

(6 × 4 = 24 marks)

Part D

*Answer any two questions.
Each question carries 15 marks.*

1. Discuss preservation by high temperature.
2. Write an essay on food additives.
3. Whether all the preservatives are suited for human health? Describe your opinion on food preservatives used in foods.
4. Write in detail about food spoilage.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Food Science

SDC 1F S01—BAKERY AND CONFECTIONARY TECHNOLOGY

Time : Three Hours

Maximum : 80 Marks

Part A (Very Short/Objective)*Answer all questions.**Each question carries 1 mark.*

1. Main ingredient used in Lozengers ?
2. Naturally occurring emulsifier ?
3. Scientific name of the sugar cane ?
4. Gluten content of medium hard bread wheat.
5. Bioproducts of anaerobic fermentation.
6. Scientific name of *diccoccum* wheat ?
7. Name the good source of beta carotene ?
8. The name of biscuit is derived from the Latin word _____ ?
9. Whole wheat is good source of _____ vitamin ?
10. Expand MSG.

(10 × 1 = 10 marks)

Part B (Short Answer Questions)*Answer any eight questions.**Each question carries 2 marks.*

1. Bread staling.
2. Define baking.
3. List out the different layers of bran.
4. Fungal alpha amylase.
5. Soft bread wheat.
6. Durum wheat.
7. Potassium bicarbonate.

Turn over

8. Jaggery.
9. Vitamins present in wheat.
10. Ammonium bicarbonate as a leaving agent ?
11. Ropiness.
12. Protein present in wheat.

(8 × 2 = 16 marks)

Part C (Short Essays)

Answer any six questions.

Each question carries 4 marks.

1. Classification of flour.
2. Write down different cereals used for the production of flour.
3. Physical criteria of wheat.
4. Natural and artificial colour.
5. Toffee.
6. Describe moulding and proofing.
7. Classification of biscuit dough on basis of mixing.
8. Details on fudge.
9. Differentiate semi sweet dough and short dough.

(6 × 4 = 24 marks)

Part D (Essays)

Answer any two questions.

Each question carries 15 marks.

1. Details on sugar production and the products obtained from sugar cane.
2. Draw the flow chart of biscuit production and explain the various steps involved it.
3. Discuss wheat and their classification.
4. Write essay on major baking ingredients and their functions.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Food Science

GEC1 IT03—IT FOR BUSINESS AND MANAGEMENT

Time : Three Hours

Maximum : 80 Marks

Part I

*Answer all questions.**Each question carries 1 mark.*

1. The Ribbon in MS Word can be reduced to a single line of tabs by pressing _____.
(a) Ctrl + F1. (b) Ctrl + F2.
(c) Ctrl + F3. (d) Ctrl + F9.
2. The Shortcut keys used to paste content in MS Word is _____.
(a) Ctrl + X. (b) Ctrl + P.
(c) Ctrl + V. (d) Ctrl + E.
3. The number of columns in MS Excel worksheet is _____.
(a) 16438. (b) 16384.
(c) 16348. (d) 16834.
4. _____ is a set of columns and rows.
(a) Field. (b) Row.
(c) Table. (d) None of these.
5. FTP stands for _____.
(a) First Transfer Protocol. (b) File Transfer Programming.
(c) File Transfer Protocol. (d) None of the above.
6. The file extension of MS Excel in Office Package is _____.
7. In MS Power Point, normal view splits screen into _____ major sections.
8. In MS Excel, a box formed by the intersection of column and row is called as _____.
9. Microsoft Access is a _____ package.
10. _____ is a name used to identify and locate computers connected to the internet.

(10 × 1 = 10 marks)

Turn over

Part II (Short Answer Questions)

Answer any eight questions.

Each question carries 2 marks.

11. What do you mean by office automation ?
12. Name any four word processors.
13. What is mail merge ?
14. What is slide transition ?
15. Which are the power point presentation views ?
16. Explain any four financial functions used in MS Excel.
17. Who are the users of data base ?
18. What is the use of data sheet in MS Access ?
19. What is intranet ?
20. What is E-mail address ?

(8 × 2 = 16 marks)

Part III (Short Essays)

Answer any six questions.

Each question carries 4 marks.

21. What are the objectives of office automation ?
22. Discuss paragraph formatting in MS word.
23. What are the advantages of spread sheet ? Explain.
24. What are the main components of DBMS ? Explain.
25. Discuss the types of queries in MS Access.
26. How Information travels across the internet ?
27. What are the most commonly used protocols ?
28. What are the benefits of EDI ?

(6 × 4 = 24 marks)

Part IV (Long Essays)

Answer any two questions.

Each question carries 15 marks.

29. Explain the components of word processing.
30. Discuss formatting and printing of the worksheet.
31. Discuss report generation and printing in MS Access.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Fish Processing Technology

SDC 1AQ 03—TECHNOLOGY OF FOOD PRESERVATION

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions.**Each question carries 1 mark.*

1. Why is salt used to preserve fish ?
 - a) It makes the fish tastes good.
 - b) It reduces moisture prevent growth of microbes.
 - c) It promotes multiplication microbes that prevent food spoilage.
 - d) It increases and helps prevent growth.
2. Freezing temperature ————.
 - a) Prevent micro-organisms from growing.
 - b) Destroy micro-organisms.
 - c) Retard the action of bacteria and mold.
 - d) Destroy enzymes.
3. Which of the following pieces of canning equipment cannot be reused ?

a) Metal screw band.	b) Metal lid with sealing.
c) Glass canning jar.	d) Pressure canner.
4. ———— must be removed to stop the spoiling action of micro-organisms.

a) Moisture.	b) Food.
c) Favorable temperatures.	d) All the above.
5. Before drying vegetables should be :

a) Sulfured.	b) Blanched.
c) Autoclaved.	d) Salted.

Turn over

21. Advantages of chilling.
22. How long it is safe to store canned foods ?

(8 × 2 = 16 marks)

Section C

*Answer any six questions.
Each question carries 4 marks.*

23. Which are the common packaging materials used for thermal processed fish products ? Give the configuration of 3 ply flexible retort pouch used in commercial canning operations ?
24. What are the potential applications of ionizing radiations in fish processing ?
25. Explain accelerated freeze drying.
26. Explain the freezing techniques.
27. Briefly explain the different methods of fish curing.
28. Explain food preservation methods using high temperature.
29. Major quality problems encountered in during freezing and frozen storage of fish products and the preventive measures.
30. How bacteria are classified based on the temperature requirement ? Give the optimum range of temperature and one example for each category.
31. What are shelf stable foods ? Give two examples for shelf stable food products.

(6 × 4 = 24 marks)

Section D

*Answer any two questions.
Each question carries 15 marks.*

32. Outline the sequential process for preparation canned tuna in brine with the help of a flowchart.
33. Illustrate the freezing curve for pure water. Briefly explain the different types of freezing systems used in food industry.
34. Briefly explain about any *four* most common pathogenic bacteria associated with foodborne illness
35. List out the factors affecting the rate of drying.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Fish Processing Technology

SDC1AQ01—FISH HARVESTING TECHNOLOGY

Time : Three Hours

Maximum : 80 Marks

Section A

*Answer all questions.
Each question carries 1 mark.*

1. Organisms which live on or in the seabed are _____.
 - (a) Planktons.
 - (b) Benthos.
 - (c) Incidental fish.
 - (d) Shellfish.
2. _____ is a device that uses satellite signals to accurately determine a fishing vessel's position in the sea.
 - (a) TAGS.
 - (b) GKS.
 - (c) GPS.
 - (d) PFZ.
3. Method of fishing squids with a vertical line attached with multiple hooks is _____.
 - (a) Jigging.
 - (b) Jamming.
 - (c) Jerking.
 - (d) Chumming.
4. Which are banned fishing methods ?
5. What is a trammel net ?
6. What are dredges ?
7. Indian coast line is _____ km.
8. Expand IBM.
9. Expand FRP.
10. Give scientific name of barracuda.

(10 × 1 = 10 marks)

Turn over

Section B

*Answer any eight questions.
Each question carries 2 marks.*

11. Explain type of trawls.
12. Describe the accessories used in fishing gear fabrication.
13. Write short notes on EEZ.
14. Describe the banned fishing methods.
15. What is a falling gear ?
16. Explain the types of traps.
17. Describe the marine fishery of India.
18. Write short notes on mud-banks.
19. What is dol net ?
20. What is long lining ?
21. Describe catamarans.
22. What is aerial trap ?

(8 × 2 = 16 marks)

Section C

*Answer any six questions.
Each question carries 4 marks.*

23. What is surrounding nets ?
24. Describe the pelagic fishery of India.
25. Give an account of mechanised fishing vessels.
26. What are the capture fishery resources of India ?
27. What is sport fishing ?
28. Describe the fisheries of river Ganga.
29. What is beach seine ?
30. Describe the cold water fishery of India.
31. What is trolling ?

(6 × 4 = 24 marks)

Section D

Answer any two questions.

Each question carries 15 marks.

32. Describe the purse seines and its operation.
33. Classify the fishing gears of India.
34. Explain the deck layout of any fishing vessel.
35. Describe the long lining operations.

(2 × 15 = 30 marks)

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FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Fish Processing Technology

GEC1PH01—FISH PHYSIOLOGY AND TAXONOMY

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions.**Each question carries 1 mark.*

1. Chloride cells are present in the _____ of teleost.
2. Water flow over the gill lamellae and the blood flow through the gills are in the _____ direction.
3. _____ swim bladders are connected to the gut by pneumatic duct.
4. Bulbus arteriosus is present in _____ fishes.
5. Mucous is a _____.
6. In elasmobranchs there are _____ pairs of gills slits.
7. Pepsin is active in pH of _____.
8. In elasmobranchs, the liver is known as _____.
9. Main function of gill rakers is to _____.
10. Teeth is absent in _____ fishes.

(10 × 1 = 10 marks)

Section B*Answer any **eight** questions.**Each question carries 2 marks.*

11. Respiratory pigments.
12. Viviparity.
13. Ampullae of Lorenzini.
14. Accessory respiratory organ.
15. Weberian ossicles.
16. Bohr effect.

Turn over

17. Afferent vessels.
18. Clasper.
19. Binomial Nomenclature.
20. Spiral intestine.
21. Green gland.
22. Goblet cells.

(8 × 2 = 16 marks)

Section C

*Answer any six questions.
Each question carries 4 marks.*

23. Mention the feeding adaptation of fishes.
24. Swim bladder and mechanism of gas secretion and gas exchange.
25. Pheromones and their influence on reproduction.
26. Structure and function of heart in fishes.
27. Factors affecting the blood oxygen affinity.
28. Different types of fins of a teleost fish and their functions.
29. Difference between Iteroparous and semelparous type of reproduction.
30. Write the scientific and common name of four penaeid shrimps.
31. With the help of an illustration explain the digestive system in a mollusc.

(6 × 4 = 24 marks)

Section D

*Answer any two questions.
Each question carries 15 marks.*

32. Role of hormones for maturation and spawning in fishes.
33. Compare the structure of teleostian and elasmobranch hearts.
34. Compare the osmoregulation in marine and freshwater teleosts.
35. Digestive enzymes: site of secretion and action.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Fashion Technology

SDC 1FT 02—DESIGN CONCEPTS

Time : Three Hours

Maximum : 80 Marks

Section A

I. Answer *all* the questions :

1 Name the dry media that is used in common :

- a) Pencils and dry Pastels. b) Pencils and acrylic colours.
c) Markers and poster colours. d) Markers and fabric colours.

2 The Black lead in the pencil constitutes _____.

- a) Pigments. b) Black gum.
c) Graphite. d) Lead.

3 Pret- a- porter refers to :

- a) Ready to wear. b) Knock off.
c) Haute Couture. d) Cheap Fashion.

4 The overall outline or outer shape of the garment is called :

- a) Silhouette. b) Ensemble.
c) Toile. d) Figure.

5 Which design principle highlights and draws attention to a specific part of a design ?

- a) Harmony. b) Emphasis.
c) Balance. d) Proportion.

6 _____ lines denotes force and strength.

- a) Curved. b) Oblique.
c) Straight. d) Diagonal.

Turn over

Section C

III. Answer any *six* of the following :

- 23 What are the advantages of using watercolors ?
- 24 Define art media. Explain any *two*.
- 25 Explain fashion cycle in detail.
- 26 Define the terms : (a) Avant Garde (b) High Fashion (c) Atelier (d) Line.
- 27 Write a note on types of balance.
- 28 Explain Munsell colour theory.
- 29 Write a note on David downtown's art work.
- 30 List the importance of fashion illustration.
- 31 Fashion photography Vs Fashion Illustration. Comment.

(6 × 4 = 24 marks)

Section D

IV. Answer any *two* of the following :

- 32 List the elements of design and explain in detail.
- 33 Explain the various types of colour schemes.
- 34 Explain the history and evolution of fashion illustration.
- 35 Illustrate an 8 head flesh fashion figure.

(2 × 15 = 30 marks)

21 What is Carding ?

22 What is Airjet Spinning ?

(8 × 2 = 16 marks)

III. Answer any *six* of the following :—

23 Draw the flow chart of carded yarn manufacturing.

24 What is spun yarn ? Explain the types.

25 Explain the types of plain weave structure.

26 Explain the basic motions of weaving.

27 Explain the classification of knitting.

28 Enumerate differences for warp knitting and weft knitting.

29 What are the properties and end uses of non woven ?

30 Briefly explain on Dry laid technique.

31 Compare between ring spinning and open end spinning.

(6 × 4 = 24 marks)

IV. Answer any *two* of the following :—

32 Classify textile fibres based on the source with the help of flow chart.

33 What is a sewing thread, explain the properties and types in detail.

34 What is a loom ? Explain the types.

35 Explain weft knitting in detail with the help of loop diagram.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Digital Film Production

DFC 1FP 03—THEORY OF VISUAL DESIGN

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions ; each question carries 1 mark.*

1. Define Shape.
2. What is CEL ?
3. Who designed the symbol of Indian Rupee ?
4. What is “structure” ?
5. Who invented the technology of printing ?
6. Define “Texture”.
7. What is Prototype ?
8. Define convergence.
9. Define CMYK.
10. What is Intaglio ?

(10 × 1 = 10 marks)

Section B*Answer any eight questions ; each question carries 2 marks.*

11. Concept.
12. Design.
13. Animation.
14. Pattern.
15. Offset printing.

Turn over

16. Radial balance.
17. Additive colours.
18. Reflection.
19. Visual Culture.
20. Stereotype.
21. Focal point.
22. Perspective.

(8 × 2 = 16 marks)

Section C

Answer any six questions ; each question carries 4 marks.

23. What are the significance of creativity in media industry ?
24. Elaborate the basic functions of design.
25. Draw the basic “forms” in three different lighting conditions.
26. What are the significance of animation in digital world ?
27. Give a detailed note on any two Graphics software.
28. Explain various visual arts.
29. Explain the basics of image making.
30. Advertisement should be attractive. Why ?
31. How will you use light and shade in design ?

(6 × 4 = 24 marks)

Section D

Answer any two questions ; each question carries 15 marks.

32. Explained briefly on “the elements of design”.
33. Explain the fundamental principles of animation.
34. Elaborate the influence of animation in film industry.
35. Explain the different types of Animation techniques.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Digital Film Production

DFC 1FP 01—INTRODUCTION TO COMPUTERS

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions ; each question carries 1 mark.*

1. The _____ is the intermediary between the user and the computer hardware.
- 2 ASCII is a format of _____.
- 3 The most common kind of communication device is _____, which enable computers to communicate through telephone lines or NIC's.
- 4 _____ is known as first calculating machine.
- 5 _____ is a set of instructions that makes the computer to perform its task.
- 6 The procedure that transforms raw data into useful information is called _____.
- 7 1 nibble = _____ bits
- 8 _____ depicts the flow of interactivity within a multimedia presentation.
- 9 _____ is considered as freeware operating system.
- 10 A network that spans a geographical area covering a metropolitan city is called _____.

(10 × 1 = 10 marks)

Section B*Answer any eight questions ; each question carries 2 marks.*

- 11 GUI.
- 12 Software life cycles.
- 13 RAM.
- 14 Multi user operating system.

Turn over

- 15 Story board.
- 16 CPU.
- 17 Hardware.
- 18 What are the various network linking devices ?
- 19 What is ADDIE model ?
- 20 Define bitmap images.
- 21 Write the various classifications of vector images.
- 22 Write any *four* applications of computer graphics.

(8 × 2 = 16 marks)

Section C

Answer any six questions ; each question carries 4 marks.

- 23 Explain any *two* graphic softwares.
- 24 What are the various guidelines for interactivity in scripts ?
- 25 Explain the various Topologies of network.
- 26 Explain the various steps in creating multimedia presentation.
- 27 Define operating system with example.
- 28 Brief note on various input and output devices used in computers.
- 29 What are the different types of storage devices in computers ?
- 30 What are the various guidelines for adding visual elements in storyboard ?
- 31 Define communication devices with examples.

(6 × 4 = 24 marks)

Section D

Answer any two questions ; each question carries 15 marks.

- 32 Create story, flow line, script and storyboard in detail about the topic 'sound in multimedia'.
- 33 Explain the words "A picture is worth of thousand words".
- 34 Elaborate the 'role of computer graphics in film industry'.
- 35 What is the multimedia's purpose in the film ? How does it direct our attention within the image.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Digital Film Production

GEC 1VM 02—INTRODUCTION TO VISUAL MEDIA

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions ; each question carries 1 mark.*

1. Write an example for multimedia product.
2. Name a TV channel for children.
3. Give an example for non-verbal communication.
4. What are primary colours ?
5. _____ is the practice of applying paint, pigment, colour or other medium to a surface.
6. RGB stands for
7. Give an example for an art form that gives importance for costume also
8. The character difference in Kathakali is mainly based on _____ and _____.
9. Which is India's first talkie ?
10. The permanent venue of IFFK is _____.

(10 × 1 = 10 marks)

Section B*Answer any eight questions ; each question carries 2 marks.*

11. What is meant by visual culture ?
12. Write a brief about symbols in visual media.
13. Write about perception of audience.
14. Write a short note on "theatre".
15. What is " painting" ?

Turn over

16. What are new media and multimedia product ?
17. What is visualization ?
18. Write the role of colour and shades in communication.
19. Write the elements of a performing art form.
20. What all are the means of visual communication ?
21. Write about light and colour in photography.
22. Write about any visual media you like.

(8 × 2 = 16 marks)

Section C

Answer any six questions ; each question carries 4 marks.

23. Differentiate folk art form and performing art form with example.
24. Write about photography with the support of its elements.
25. What are the similarities and differences you find between film and tv.
26. Write about Sensual and Perceptual theories of visual communication.
27. Explain “viewers meaning making process” with examples.
28. Write the role of symbols and signs in communication.
29. Explain the role of costumes in communication.
30. Briefly explain the term visual thinking stands for.
31. Write about the importance of audio in visual media products.

(6 × 4 = 24 marks)

Section D

Answer any two questions ; each question carries 15 marks.

32. Explain the importance of film among youth.
33. Write about drawings, paintings, and photography and its elements.
34. Explain the important elements which help to read a picture perfect.
35. New media and multimedia products help in making communication easier and faster. Elucidate.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Broadcasting Journalism

SDC 1B J02—REPORTING, EDITING AND TRANSLATION FOR MEDIA

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A*Objective Type Questions.**Answer all questions.**Each question carries 1 mark.*

1. The first part of a news story is called _____.
2. An editorial is the opinion of _____.
3. Sting operation is a method of _____.
4. Which of the following is not newspaper page designing software ?
 - a) Indesign.
 - b) PageMaker.
 - c) 3D max.
 - d) QuarkXpress.
5. In CMYK colour format, K stands for ?
6. The space between the columns of a newspaper is known as _____.
7. Which of the following term is used to acknowledge the source of the news story and gives due credit ?
8. Headline running above the name plate across the top of the page is called _____.
9. Serious factual and timely stories about important topics are known as _____.
10. _____ is a written defamation.

(10 × 1 = 10 marks)

Section B*Short Answer Questions.**Answer any eight questions.**Each question carries 2 marks.*

1. Sub editor.
2. Newspaper layout.
3. Style book.
4. Stringer.

Turn over

5. Op-ed page.
6. Yellow journalism.
7. Advertorial.
8. Press release.
9. News photographer.
10. Editorial.
11. Proof reader.
12. Letters to the Editor.

(8 × 2 = 16 marks)

Section C

*Answer any six of the following.
Each question carries 4 marks.*

1. Describe the characteristics of the 'intro' of a news story.
2. Enumerate and explain major sources of news.
3. What is a feature ? How does it differ from news ?
4. Write a short note on professional and ethical standards for journalists.
5. Interviews are an important source of news for reporters. Elucidate.
6. What are the rules for writing a film review ?
7. Describe the process of copy editing.
8. Explain the importance of a style sheet or style book in newspapers.
9. List out the functions of news headlines.

(6 × 4 = 24 marks)

Section D

*Answer any two of the following.
Each question carries 15 marks.*

1. Enumerate the various departments and their functions of a newspaper establishment.
2. Discuss the principles and elements of newspaper design and layout.
3. Define feature. What are the different types of features commonly seen in print media ?
4. What is a film review ? What are the factors to be taken care while writing a film review ?

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Broadcasting Journalism

SDC 1B J01—INTRODUCTION TO COMMUNICATION JOURNALISM AND
BROADCASTING

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A*Objective Type Question.**Answer all questions.**Each question carries 1 mark.*

1. Who is the first chairman of Prasar Bharati ?
2. The perceived strength or intensity of a sound is called _____.
3. Who was the first Director General of AIR ?
4. Find the golden number of photo composition from the following ?
5. Who is the father of Indian Journalism ?
6. Communication is the art of transmitting _____ through a channel.
7. DJ stands for _____.
8. During the evolutionary period of cinema, Edward Muybridge experimented the shooting of _____.
9. Who invented the first model of communication ?
10. The collection, dissemination and analysis of news and information by the general public is called _____.

(10 × 1 = 10 marks)

Section B*Short Answer Questions.**Answer any **eight** of the following.**Each question carries 2 marks.*

1. Broadcasting.
2. Composition in Photography.
3. Podcast.
4. Media Convergence.

Turn over

5. Digital divide.
7. Feedback.
9. Marshall McLuhan.
11. Advocacy journalism.
6. Prasar Bharathi.
8. TRAI.
10. Netflix.
12. Agenda Setting theory.

(8 × 2 = 16 marks)

Section C

*Answer any six of the following.
Each question carries 4 marks.*

1. Explain Uses and Gratification theory.
2. Distinguish between uplinking and downlinking.
3. Write a brief note on branches of photography.
4. Prepare a note on roles and responsibilities of a journalist.
5. Write a brief note on types of media.
6. What are the basic elements of composition ?
7. Differentiate between satellite and terrestrial transmission.
8. What are the qualities of a journalist ?
9. Discuss in detail the characteristics of mass communication.

(6 × 4 = 24 marks)

Section D

*Answer any two of the following.
Each question carries 15 marks.*

1. Explain the scope and purpose of communication models substantiating it with the models of major theoreticians.
2. Which are the different type of DSLR lenses and their purposes ?
3. Elaborate the characteristics of mass communication.
4. Explain the nature, scope and limitations of new media.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Broadcasting Journalism

GEC 11 C03—INTRODUCTION TO COMPUTER GRAPHICS AND MEDIA DESIGN

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A*Objective Type Questions.**Each question carries 1 mark.*

1. ENIAC stands for _____.
2. Pick the odd one out :
 - a) Adobe Photoshop.
 - b) Adobe Premiere Pro.
 - c) Avid Media Composer.
 - d) FCP.
3. The font size is measured in _____ unit.
4. Kerning is _____.
5. Wipe used in Power Point as a/an _____.
6. Resolution of an image is measured in _____.
7. PNG stands for _____.
8. Shift + Control + Z is the shortcut for _____.
9. Pathfinder tool is used to _____.
10. An Adobe Illustrator work file will have the file format extension as _____.

(10 × 1 = 10 marks)

Section B*Short Answer Questions.**Answer any **eight** of the following.**Each question carries 2 marks.*

1. Colour Balance.
2. Master Page.
3. Gmail.
4. Foot note.
5. JPEG.
6. image Filters.

Turn over

- | | |
|-----------------------|----------------------------|
| 7. Exposure. | 8. PPI. |
| 9. Computer Software. | 10. E-Governance. |
| 11. New Media. | 12. Microsoft Power Point. |

(8 × 2 = 16 marks)

Section C*Answer any six of the following.**Each question carries 4 marks.*

1. What is meant by New Media ? State with examples.
2. Write a note on Microsoft Office.
3. What is meant by font family ? State with examples.
4. Differentiate between Footer and Foot note.
5. Compare and contrast Adobe Illustrator and Adobe Photoshop.
6. Write a note on PNG files. How they are different from other image file formats ?
7. What is meant by the resolution of a page ? How would it affect your design output ?
8. How does gutter space affect the overall design of a page ? Explain.
9. How style sheets can fasten up the page design process ?

(6 × 4 = 24 marks)

Section D*Answer any two of the following.**Each question carries 15 marks.*

1. Google is the best encyclopedia. Comment on the statement and analyse the positive and negative changes that Google has brought up in the education and research field.
2. What is meant by E-Governance ? Explain the relevance of E-Governance in India with special reference to Digital Divide.
3. What is meant by Visual Perception ? Explain about the impact a visual design could make instead of a printed text.
4. Using style sheets can fasten up the designing process. Elaborate the comment and explain the process of setting style sheets for character and paragraph in Adobe InDesign.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Broadcasting Journalism

SDC 1BJ 04—MEDIA LAWS AND ETHICS

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions.**Each question carries 1 mark.*

Choose the Correct Answer :

1. Who is the ex-officio Chairman of Rajya Sabha ?
 - (a) President.
 - (b) RBI Governor.
 - (c) Vice President.
 - (d) Speaker.
2. The concept of Directive Principles of State Policy was borrowed from _____ constitution ?
 - (a) British.
 - (b) American.
 - (c) Irish.
 - (d) German.
3. Supreme Court Chief Justice and the other judges are appointed by :
 - (a) President.
 - (b) Lok Sabha.
 - (c) Rajya Sabha.
 - (d) Prime Minister.
4. Which of the following organization issues norms for journalistic conduct ?
 - (a) Press Council of India.
 - (b) Press Information Bureau.
 - (c) Registrar of Newspapers.
 - (d) Indian Federation of Working Journalists.
5. A defamation by means of writing or by any other permanent form such as video tapes, pictures effigy, etc is known as _____.
 - (a) Libel.
 - (b) Slander.
 - (c) Contempt of Court.
 - (d) Perjury.

Turn over

6. An Act to prevent the dissemination of certain publications harmful to young persons,
- (a) The Young Person's Harmful Publications Act.
 - (b) Indecent Representation of Women Act.
 - (c) Whistle Blower's Protection Act.
 - (d) Working Journalists Act.
7. Who is the present chairman of the Central Board of Film Certification ?
- (a) Lalit Bhasin.
 - (b) Asha Parikh.
 - (c) Praseon Joshi.
 - (d) Pahlaj Nihalani.
8. An invention for which the inventor claims the exclusive right is called _____.
- (a) Patent.
 - (b) Trademark.
 - (c) Copyright.
 - (d) Intellectual Property.
9. Sting operation is a method of :
- (a) Investigative journalism.
 - (b) Paid news.
 - (c) Embedded journalism.
 - (d) Yellow journalism.
10. Name the present Chairman of Press Council of India ?
- (a) Justice Chandramauli Kumar Prasad.
 - (b) Justice Markandey Katju.
 - (c) Justice P. B. Sawant.
 - (d) None of them.

(10 × 1 = 10 marks)

Section B

*Answer any eight questions.
All questions carry equal marks.
Each question carries 2 marks.*

Write short notes on :

11. Indian Judicial System.
12. IPC.
13. Article 19 (1) a.
14. Libel.
15. Prasar Bharati.
16. Cyber Law.
17. Embedded Journalism.
18. UA.
19. Trade Mark.
20. RNI.
21. Geographical Indication.
22. Cognizable Offence.

(8 × 2 = 16 marks)

Section C

*Answer any six questions.
Each question carries 4 marks.*

Write short essay on :

23. Write your thoughts on the Freedom of press in India.
24. Briefly explain various press codes suggested by PCI.
25. What are the important recommendations of Majidia wage board ?
26. What do you mean by AIR Broadcast Code ?
27. What do you mean by Intellectual Property Right ? Why do these rights need to be protected ?
28. Discuss about the Press and Registration of Books Act.
29. What are the major laws related to cyber crime ?

Turn over

30. Explain the relevance of Indecent Representation of Women's Act.
31. What are the important provisions in the Drug and Magic Remedies Act ?

(6 × 4 = 24 marks)

Section D

*Answer any two questions.
Each question carries 15 marks.*

Write essay type question :

32. Discuss in detail the Right to Information Act and its relevance in Indian context.
33. Discuss about various laws governing &e press in our country.
34. Examine the relevance of film censorship in India Discuss about Central Film Certification Board of India and various film certifications.
35. Write a note on the powers and functions of the Press Council of India.

(2 × 15 = 30 marks)

CHMK LIBRARY UNIVERSITY OF CALICUT

- 8 Interest on capital is _____ to the business.
- 9 Dividend is calculated on the _____ capital.
- 10 When shares are forfeited, the share capital is debited by _____.

(10 × 1 = 10 marks)

Part B

*Answer any eight questions.
Each question carries 2 marks.*

- 11 What do you mean by incomplete records ?
- 12 What is debenture trust deed ?
- 13 Explain slip system of ledger posting. What are its merits and demerits ?
- 14 What is life insurance fund ?
- 15 What do you mean by IFRS convergence ?
- 16 What is a Non banking asset ?
- 17 What is secret reserve ? How it is created ?
- 18 What is meant by conversion method ?
- 19 What is the principle of disclosure ?
- 20 Explain inter officer judgments.
- 21 How is closing stock shown in final accounts ?
- 22 What is surrender value ?

(8 × 2 = 16 marks)

Part C

*Answer any six questions.
Each question carries 4 marks.*

- 23 Write notes on IASB and FASB.
- 24 Differentiate between single entry system and double entry system.
- 25 Give the format of revenue account of insurance companies.
- 26 Explain the financial reporting process.
- 27 What are the conditions of forfeiture of shares ?

28 Prepare P & L for the year ended 31.3.2018 of insurance company :

Surplus as per revenue a/c		23,800
Interest on investments		3,200
Administration expenses		800
Loss on sale of investments	...	280
P & L a/c balance on 1-4-2016		330
Interim dividend paid		110

Transfer Rs. 20,00,000 to fund after providing for taxation @ 30%.

29. From the following ascertain the provision for doubtful debt :

Standard assets	...	20,00,000
Sub standard asset	...	5,00,000
Loss assets		1,00,000

Doubtful debts :

For 1 year	...	3, 00,000
For 2 year		70,000
For four years		10,000

30. How will you treat the following adjustment items in the final accounts ?

- | | |
|--------------------------|----------------------|
| a) Outstanding expenses. | b) Prepaid expenses. |
| c) Accrued income. | d) Depreciation. |
| e) Closing stock. | |

31. A limited company issued 25,000 ordinary shares of Rs. 25 each payable Rs. 5 on application, Rs.10 on allotment and Rs. 5 each on subsequent calls; 20,000 shares were fully subscribed and moneys duly received. You are required to give journal entries, cash book and balance sheet of the company.

(6 × 4 = 24 marks)

Part D

Answer any two questions.

Each question carries 15 marks.

32. Examine the process of development of accounting standards in India.

Turn over

33. Saraswati Ltd. purchased a machinery costing ₹ 10,00,000 on January 01, 2011. A new machinery was purchased on 01 May, 2012 for ₹ 15,00,000 and another on July 01, 2014 for ₹ 12,00,000. A part of the machinery which originally cost ₹ 2,00,000 in 2011 was sold for ₹ 75,000 on October 31, 2014. Show the machinery account, provision for depreciation account and machinery disposal account from 2011 to 2015 if depreciation is provided @10% p.a. on original cost and accounts are closed on 31st December, every year.
34. Prepare revenue account of pie insurance company for the year ended 31-3-2018 :

Particulars	Items
Premium on direct business	50,60,000
Premium on reinsurance accepted	12,20,000
Premium on reinsurance ceded	2,70,000
Claims by death	40,00,000
Claims by maturity	... 12,00,000
Annuities	3,00,000
Consideration for annuities granted	8,70,000
Claims paid on reinsurance accepted	... 2,10,000
Claims received on reinsurance accepted	8,70,000
Interest, dividend and rent	1,60,000
Income tax paid	... 16,000
Commission on direct business	... 3,16,000
Commission on reinsurance ceded	1,00,000
Commission on reinsurance accepted	2,10,000
Salaries	... 1,70,000
Directors fees	60,000
Audit fees	10,000
Other expenses	... 6,000
Interim bonus paid	76,000
Profit on sale on investments	... 10,000
Registration fees	... 13,000

35. From the following balances prepare balance sheet of ABC Ltd. Banking company As on 31.3.2018 :

Items	Amount
Equity share capital	20,00,000
Statutory reserve	10,00,000
Capital reserve	4,00,000
Securities premium	4,00,000
P & L A/C balance	14,00,000
Demand deposit	... 24,00,000
Term deposit	20,00,000
Savings bank deposit	... 28,00,000
Borrowings from RBI	... 24,00,000
Borrowing from other banks	... 1,05,40,000
Bills payable	30,00,000
Inter office adjustments (Cr.)	... 14,00,000
Cash in hand	... 14,00,000
Balance with RBI	... 25,40,000
Money at call and short notice	... 45,00,000
Investment in govt, securities	28,00,000
Investment in shares	25,00,000
Gold	... 20,00,000
Term loans	... 50,00,000
Cash credit	35,00,000
Overdraft	... 30,00,000
Premises	25,00,000
Rebate on bills discounted	... 1,00,000
Non banking asset	... 70,000
Furniture	... 30,000

The authorized capital of the bank is Rs. 40, 00,000 in equity share of Rs. 10 each. There is a contingent liability on account of acceptances and endorsement Rs. 3,00,000. The bank has boills for collection amounting to Rs. 10, 00,000 on 31.3.2018.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Banking Finance Service and Insurance

SDC 1B F01—BANKING AND INSURANCE

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Choose the correct answer :

1. Consent is not required for the assignment of _____ policies.
 - a) Marine hull.
 - b) Marine cargo.
 - c) Fire.
 - d) Burglary.
2. IRDA act was passed in
 - a) 1938.
 - b) 1956.
 - c) 1999.
 - d) 2001.
3. Insuring the risk with other insures is known as :
 - a) Double insurance.
 - b) Reinsurance.
 - c) Under insurance.
 - d) None of the above.
4. _____ has the duty of disclosing all material facts in the case of creating an insurance contract.
 - a) Insured.
 - b) Agent.
 - c) Insurer.
 - d) All three.
5. Which of the following statement is true ?
 - a) Subrogation does not arise in personal accident insurance.
 - b) Contribution does not arise in personal accident insurance.
 - c) Both is correct.
 - d) None of them is correct.

(5 × 1 = 5 marks)

Fill in the blanks :

6. GPN stands for _____.
7. _____ contains the rules and regulations of a company regarding its internal management.

Turn over

8. International Bank of Reconstruction and development (IBRD) known as _____.
9. Name the cheque which is torn into two or more pieces.
10. _____ is the first all women bank in India.

(5 × 1 = 5 marks)

Short Answer Questions.
Answer any eight questions.

11. Explain the terms post dated cheque and ante dated cheque.
12. What is consensus ad idem ?
13. What is no frill account ?
14. What is an insurance policy ?
15. What do you mean by special types of customers ?
16. What is an offer ?
17. What is a scheduled bank ?
18. Define the term customer.
19. What is assignment of policy ?
20. What do you mean by Payment in due Course ?

(8 × 2 = 16 marks)

Short Essay Questions.
Answer any six questions.

21. What are the main features of marine insurance ?
22. What are the different kinds of endorsements ?
23. Insurance is a security tool. Explain.
24. Explain the debtor and creditor relationship between banker and the customer.
25. Explain the procedure for opening an account.
26. Compare general insurance and life insurance.
27. What are the types of warranties ?
28. What are the objectives of NABARD ?

(6 × 4 = 24 marks)

Essay Questions.
Answer any two questions.

29. Discuss different modes of crossing of a cheque.
30. Define insurance. What are the important principles of insurance ?
31. Explain the emerging trends in banking sector today.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Agriculture

SDC 1AG 03—FUNDAMENTALS OF AGRICULTURE ENGINEERING

Time : Three Hours

Maximum : 80 Marks

(A) Very short / Objective answer questions (1 mark each) :

- 1 The length of metric chain is :
 - a) 100 ft.
 - b) 33 ft.
 - c) 100 m.
 - d) 66 ft.
- 2 The process of locating intermediate points on a straight line between two end points in a straight line is called _____.
- 3 Define Chaining.
- 4 Define offsetting.
- 5 Define 'Main stations' in surveying.
- 6 Define Subsidiary stations.
- 7 The equation used to determine Kinetic Energy is _____.
- 8 The equation to find the area of an irregular field using trapezoidal rule is _____.
- 9 Expand ICRISAT.
- 10 Broad Bed and Furrow (BBF) method was introduced by _____.

(10 × 1 = 10 marks)

(B) Short answer questions. Answer any *eight* questions. (2 marks each) :

- 1 Write the difference between Stream Bank erosion and gully erosion.
- 2 What are the special types of erosion ?
- 3 What do you mean by surface creep ?
- 4 What is soil erosion ?

Turn over

- 5 What is accelerated Erosion ?
- 6 What is a contour bund ?
- 7 Define transportability.
- 8 Differentiate Gunter's chain and Engineer's chain.
- 9 Define erodibility.
- 10 What do you mean by contour stone wall ?
- 11 What are the factors influencing soil erosion ?
- 12 Differentiate between a contour bund and a graded bund.

(8 × 2 = 16 marks)

(C) Short Essay. Answer any *six* questions. (4 marks each) :

- 1 Water harvesting techniques.
- 2 Stages of gully erosion.
- 3 What are the engineering measures for erosion control ?
- 4 Types of contour trenching.
- 5 Explain the types of soil erosion.
- 6 Methods of irrigation.
- 7 Classification of survey.
- 8 What are the stages of gully erosion ?
- 9 Write about measurement of distances.

(6 × 4 = 24 marks)

(D) Essay. Answer any *two* questions. (15 marks each) :

- 1 Explain the types of soil erosion and their control measures.
- 2 Soil conservation measures for agricultural lands.
- 3 Explain drip irrigation.
- 4 Explain gully control structures.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Agriculture

SDC 1AG 02—FUNDAMENTALS OF HORTICULTURE

Time : Three Hours

Maximum : 80 Marks

(A) Objective Answer Questions (one mark each) :

- 1 India ranks _____ in fruits and vegetable production in the world.
- 2 _____ is an example for herbaceous and succulent plant.
- 3 _____ plant require longer photo period
- 4 Mango is rich in vitamin_____
- 5 In _____ system of planting plant to plant and row to row distance is same.
- 6 Plant which bear male and female flower on different plants are known as _____.
- 7 T budding is also called _____ budding.
- 8 Nursery should be in _____ and _____ shape to minimise the length of boundary for fencing.
- 9 Production of microspore and megaspore in plants is known as _____.
- 10 Example for protandrous plant is _____.

(10 × 1 = 10 marks)

(B) Short answer questions Answer any *eight*. (2 marks each) :

- 1 Define climacteric fruit with example.
- 2 What is quincunx system of planting ?
- 3 What is lag, log and exponential phase in growth curve ?
- 4 Define vernalisation.
- 5 Define dichogamy. List out its types.
- 6 List out methods to induce seedlessness.

Turn over

- 7 Whip and tongue grafting
- 8 What is graft incompatibility ? List out its types.
- 9 List out the important qualities of good sites for constructing a nursery.
- 10 What is fruit drop ? List out types of fruit drop.
- 11 What is false fruit ?
- 12 What is day neutral plant ?

(8 × 2 = 16 marks)

(C) Short Essay. Answer any *six*. (4 marks each) :

- 1 Importance and scope of horticulture in India and Kerala.
- 2 Cutting and its methods.
- 3 Describe important planting system with the help of diagram.
- 4 What is growth ? Describe the characteristics of growth.
- 5 What is Photoperiodism ? Describe its classification based on duration required.
- 6 Describe types of fruits.
- 7 What is double fertilization ? Explain the process with the help of diagram.
- 8 What are the different types of media and containers used in plant nursery for raising seedlings ?
- 9 Write brief note on development of graft union.

(6 × 4 = 24 marks)

(D) Essay. Answer any *two*. (15 marks each) :

- 1 Describe factors associated with flowering and fruit set.
- 2 What is unfruitfulness ? What are the internal and external factors affecting fruitfulness in plants.
- 3 Describe methods to test seed viability.
- 4 Describe nursery layout with detailed diagram.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Agriculture

SDC1AG01—FUNDAMENTALS OF AGRONOMY

Time : Three Hours

Maximum : 80 Marks

*One mark questions.**1 mark each.*

1. Give an example for green manure.
2. Expand 'FYM'.
3. _____ is known as the Father of tillage.
4. Central Tuber Crops Research Institute is situated at _____.
5. The scientific name of Safflower is _____.
6. _____ is the element present inside the chloroplast.
7. Removing of older leaves from sugarcane is termed as _____.
8. _____ is a bacterium involved in denitrification.
9. Plants that have life span of two consecutive seasons or years are called _____.
10. Define irrigation.

(10 × 1 = 10 marks)

*Short answer questions**Answer any **eight** questions.**2 marks each.*

11. Differentiate Straight fertilizers and Complex fertilizers.
12. Explain the methods of planting.
13. What do you mean by activated sludge ?
14. Vesicular Arbuscular Mycorrhizae.
15. Expand FUE, What does it mean ?
16. Band placement.

Turn over

17. Rogueing.
18. Phosphatic fertilizers.
19. Dry matter partitioning.
20. Seed rate.
21. Define the agricultural seasons in India.
22. Differentiate Subsistence and Commercial agriculture.

(8 × 2 = 16 marks)

*Short Essay Questions.
Answer any six questions.
4 marks each.*

23. Name two important varieties of amorphophallus and their qualities.
24. Factors affecting seed germination.
25. Branches of agriculture.
26. Elucidate the nitrogen cycle.
27. What are the functions of Iron in plants ?
28. Write a note on concentrated organic manures.
29. Explain the types of tillage.
30. Explain Sprinkler irrigation and its parts.
31. Integrated Nutrient Management.

(6 × 4 = 24 marks)

*Essay Questions.
Answer any two questions.
15 marks each.*

32. Classification of crops.
33. Major soils of India.
34. Time and method of fertilizer application.
35. Explain the role and deficiency symptoms of macronutrients in plants.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Agriculture

GEC 1E S03—FUNDAMENTALS OF ENVIRONMENTAL SCIENCE

Time : Three Hours

Maximum : 80 Marks

Section A

*Answer all questions.
Each question carries 1 mark.*

1. What is green house effect ?
2. What is tropopause ?
3. What is composition of atmosphere ?
4. Name the abiotic factors of environment.
5. What is a food web ?
6. What you meant by ecological indicators ?
7. Distinguish natality and mortality.
8. What is canopy ?
9. What is ecotone ?
10. What is niche ?

(10 × 1 = 10 marks)

Section B

*Answer any five questions.
Each question carries 2 marks.*

11. Write a short note on different growth patterns of a population.
12. Explain the biotic components of eco-system.
13. Explain aeoline erosion.
14. Write a short note on soil profile.

Turn over

15. What is GPP and NPP.
16. Draw a labelled food chain.
17. Write a short note on multidisciplinary nature of environmental science.

(5 × 2 = 10 marks)

Section C

*Answer any six questions.
Each question carries 5 marks.*

18. Explain ecological succession.
19. Explain the different layers of atmosphere.
20. Draw a neat diagram indicating the interior of the earth.
21. Explain the global distribution of water in the context of water crisis.
22. Explain the energy flow in an ecosystem.
23. Explain ecological pyramids.
24. Explain the need of environmental awareness among young generation
25. Explain the different terrestrial biomes.

(6 × 5 = 30 marks)

Section D

*Answer any two questions.
Each question carries 15 marks.*

26. Write an essay on major ecosystems of the world.
27. Explain the biogeochemical cycles with examples of gaseous and sedimentary cycles.
28. Write an essay on positive and negative interactions of species with examples.
29. Explain the physical, chemical and biological weathering of rocks.

(2 × 15 = 30 marks)

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(Pages : 6)

Name.....

Reg. No.....

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Accounting and Taxation

SDC1AT02—FINANCIAL ACCOUNTING

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all question.

Each question carries 1 mark.

1. Contingent liability appears :
 - (a) As a foot note.
 - (b) Under the head reserves.
 - (c) Under the head deposits.
 - (d) None of these.
2. According to income recognition, interest on NPA should be recognized on _____.
 - (a) Accrual basis.
 - (b) Standard basis.
 - (c) Actually received basis.
 - (d) None of these.
3. When the assured sum is payable only on the death of the insured such a policy is called _____.
 - (a) Whole life policy.
 - (b) Annuity policy.
 - (c) Endowment policy.
 - (d) Joint life policy.
4. Accounting from incomplete records are often called as _____ system.
 - (a) Double entry.
 - (b) Single account.
 - (c) Single entry.
 - (d) Double entry.
5. NPA stands for _____.
 - (a) Net profit account.
 - (b) Non performing assets.
 - (c) Net performing assets.
 - (d) Net premium account.

Turn over

6. Statement of affairs is prepared to ascertain _____.
- (a) Loss. (b) Profit.
(c) Assets. (d) Capital.
7. A formal record of the financial activities and position of a business entity is called _____.
- (a) Financial statement. (b) Balance sheet.
(c) Statement of profit and loss. (d) Cash flow statement.
8. General insurance is a contract.
- (a) To pay a certain sum of money.
(b) Of indemnity.
(c) Of assurance.
(d) None of these.
9. _____ Account is prepared to find out credit sales.
- (a) Debtor's. (b) Creditor's.
(c) Sales. (d) Bills receivable.
10. Called up capital minus calls in arrears is known as _____.
- (a) Subscribed capital. (b) Issued capital.
(c) Paid up capital. (d) Authorized capital.

(10 × 1 = 10 marks)

Part B

Answer any eight questions.

Each question carries 2 marks.

11. What is IFRS ?
12. Explain re insurance.
13. Explain slip system of ledger posting.
14. What is a Zero coupon bond ?

15. What is meant by capital reserve ?
16. What do you mean by incomplete records ?
17. What are the causes of depreciation ?
18. What do you mean by surrender of policy ?
19. Name the methods of ascertaining profit or loss under single entry system.
20. What is interim dividend ?
21. What is CRR and SLR ?
22. Write a note on IAS.

(8 × 2 = 16 marks)

Part C*Answer any six questions.**Each question carries 4 marks.*

23. What are different kinds of life insurance policy ?
24. Find out Gross Profit :

	Rs.
Opening Stock	5,200
Closing Stock	6,100
Purchases	57,000
Sales	85,000
Purchase Return	900
Sales Return	1,600
Wages	... 4,200
Carriage Inwards	... 600

Turn over

25. The revenue account of a life insurance company showed a fund of Rs. 10,30,000 before considering the following :

	Rs.
Bonus utilized in reduction of premium	82,000
Claims intimated but not admitted	98,000
Interest accrued on Investment	10,000
Premium outstanding	60,000
Claims covered under re insurance	50,000

Give journal entries for recording the above transactions.

26. Difference between fixed installment method and reducing balance method of depreciation.
27. Difference between shares and debentures.
28. What are the conditions for forfeiture of shares ?
29. On April 01, 2010, Bajrang Marbles purchased a Machine for Rs. 2,80,000 and spent Rs. 10,000 on its carriage and Rs. 10,000 on its installation. It is estimated that its working life is 10 years and after 10 years its scrap value will be Rs. 20,000. Prepare Machine account and Depreciation account for the first four years by providing depreciation on straight line method. Accounts are closed on March 31st every year.
30. Who are the users of financial statements ?
31. From the following ascertain the provision in respect of Bank of Mysore for the year ended on 31.3.2017 :

	Rs.
Standard assets	10,00,000
Sub standard assets	5,00,000
Loss assets	... 60,000
Doubtful debts :	
For 1 year	2,00,000
For 2 years	... 1,00,000
For 4 years	50,000

(6 × 4 = 24 marks)

Part D

Answer any two questions.

Each question carries 15 marks.

32. From the following information gathered from the books of Akhila Assurance Company Ltd., prepare Revenue account for the year ended 31st March 2018 :

<i>Particulars</i>	<i>Amount</i>
Premium on direct business	50,60,000
Premium on reinsurance accepted	12,20,000
Premium on reinsurance ceded	2,70,000
Claims by death	40,00,000
Claims by maturity	12,00,000
Annuities	3,00,000
Consideration for annuities granted	8,70,000
Claims paid on reinsurance accepted	2,10,000
Claims received on reinsurance accepted	8,70,000
Interest, dividend and rent	1,60,000
Income tax paid	16,000
Commission on direct business	3,16,000
Commission on reinsurance ceded	1,00,000
Commission on reinsurance accepted	2,10,000
Salaries	1,70,000
Directors fees	60,000
Audit fees	10,000
Other expenses	6,000
Interim bonus paid	76,000
Profit on sale of investments	10,000
Registration fees	13,000

Turn over

33. Aravind Ltd. issued 50,000 equity shares of Rs. 10 each payable at Rs. 2 on application, Rs. 3 on allotment and balance on first call. Applications were received for 60,000 shares. Directors of the company allotted them as under:

(a) To applicants for 40,000 shares	40,000 shares
(b) To applicants for 15,000 shares	10,000 shares
(c) To applicants for 5,000 shares	nil

Application, allotment and call money were duly received except the first call money on 200 shares. Pass the necessary journal entries in the books of company and also prepare the bank a/c and share capital Account.

34. From the following information, prepare the Profit and Loss account of Axis bank Ltd., for the year ended on 31st March 2018.

	Rs.		Rs.
Interest on deposit	32,00,000	Commissioner (Cr.)	... 1,00,000
Interest on loans	24,90,000	Sundry charges (Dr.)	1,00,000
Rent and taxes	2,00,000	Establishment	... 5,00,000
Discount on bills discounted ...	14,90,000	Interest on cash credit	... 23,20,000
Interest on overdraft	16,00,000	Auditors fees	35,000
Directors fees	16,000	Bad debts to be written off	... 3,00,000

35. What do you mean by financial statements and what are its objectives? Briefly explain the parties interested in financial statements.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Accounting and Taxation

SDC 1A T01—PRINCIPLES OF TAXATION

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A*Answer all questions.**Each question carries 1 mark.*

1. High rate of tax are imposed on :
 - a) Consumer goods.
 - b) Harmful goods.
 - c) Durable goods.
 - d) Electronic goods.
2. Adam Smith first devised the principles or canons of taxation in :
 - a) 1778
 - b) 1678
 - c) 1779
 - d) 1776
3. Wealth tax is an example of :
 - a) Direct tax.
 - b) Indirect tax.
 - c) Sales tax.
 - d) Service tax.
4. _____ tax is value based tax.
 - a) Specific tax.
 - b) Ad valorem tax.
 - c) Progressive tax
 - d) Proportional tax.
5. The excess burden of taxation is known as :
 - a) Tax evasion
 - b) Dead weight cost.
 - c) Impact of tax.
 - d) Incidence of tax.
6. _____ is a government incentive program that offers a tax reduction or elimination.
 - a) Tax incentive.
 - b) Tax holiday.
 - c) Tax evasion.
 - d) Tax incidence.

Turn over

Part C

*Answer any six questions.
Each question carries 4 marks.*

23. What are the factors affecting taxable capacity ?
24. What are the objectives of taxation ?
25. Write a note on the advantages and disadvantages of direct tax.
26. Write note on OECD.
27. What is tax shifting ? Explain its types.
28. What are the methods to curb tax evasion ?
29. What is bilateral tax agreement ?
30. Write note on exemption and credit method.
31. Write a note on finance commission.

(6 × 4 = 24 marks)

Part D

*Answer any two questions.
Each question carries 15 marks.*

32. What do you mean by Canon ? What are its types ? What are the essential features of a good tax system ?
33. What is direct tax and indirect tax ? Explain its types and their differences.
34. Write an essay on the impact and incidence of tax and distinguish between them.
35. Briefly explain :
 - Tax heaven
 - Treaty shopping
 - Transfer pricing
 - Double Taxation Relief
 - Tax holiday

(2 × 15 = 30 marks)

Part C

*Answer any six questions.
Each question carries 4 marks.*

23. What is MBE ? What are its features ?
24. Explain the nature of management.
25. Define planning. Explain its features.
26. Distinguish between line organisation and functional organisation.
27. State theory X and theory Y.
28. Explain the communication process.
29. What are the types of ethics ?
30. Explain the features of MIS.
31. What are the objectives of logistics ?

(6 × 4 = 24 marks)

Part D

*Answer any two questions.
Each question carries 15 marks.*

32. Explain Fayol's Principles of Management.
33. What are the important barriers of planning ?
34. Explain the various control techniques used in the organisation ?
35. Explain CSR towards various stakeholders.

(2 × 15 = 30 marks)

**FIRST SEMESTER B.VOC. (CUCBCSS—UG) DEGREE EXAMINATION
APRIL 2020**

Arabic

GEC 1AR 02—BASIC SKILLS IN ARABIC

(2019 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A

*Answer the following questions.
Each question carries 2 marks. (Ceiling 25 marks).*

أجب عن الأسئلة الآتية حسب الإرشادات

1- أكمل الفراغ

أ. رح شباك المدفوعات هناك

ب. من فضلك اشرح لي

ت. هذا الجهاز هو الحرارة

ث. أريد هذا الشيك

2- املا الفراغ بالكلمات المناسبة

أ. رقم حسابك؟ (كم ، هل ، كيف)

ب. سعر هذا القلم؟ (كيف ، أي ، كم)

ت. ذهبت بيت عمها (من ، إلى ، في)

ث. يتصل قاسم ... مراقب الصناديق (في ، ب ، إلى)

3- أكمل الفراغ بما يناسب من أسلوب الحوار

أ. في أي مستشفى؟

ب. كم يستغرق من الوقت؟

Turn over

ت. كم ادفع بهذه الكيسولة؟

ث. **وَأَعْمُرْ لَهُ** ؟

4- استعمل في الجمل

أ. بالإشارة إلى

ب. حصل على

5- ترجم الكلمات التالية إلى الإنجليزية

1. برمجة الحاسوب : ب. توقيع

6- عرب الكلمات التالية

أ. enclosures ب. career

7- اكتب الجمع: أسلوب منطقة

8- اكتب المفرد: أعاجيب أسماك

9- هات الضد: أخطأ مريض

10- حول إلى مؤنث:

(1) هو ذهب إلى بيت عمه

(2) كان يسكن مع أبيه في وسط المدينة

• أجب بجملة أو جملتين :

11- ماذا نستطيع أن نشاهد في السفر بحريا؟

12. من الذي كتب المقالة " اصنع حياتك " ؟

13. ما أول نصيحة من الكاتب للشباب؟

14. ما المثل الأعلى الذي يمكن للشباب أن يضعه أمام عينيه؟

15. كم سنة عملت في دبي؟

Section B

Answer the following questions.
Each question carries 5 marks. (Ceiling 25 marks).

16. صل بين العبارات الآتية

Spoon	(a) تشخيص
Injection	(b) مختبر
Diagnoses	(c) عيادة
Lab	(d) حقنة
Clinic	(e) ملعقة

17. أعد إعلانا مناسباً لعقد الاجتماع السنوي للجنة الأساتذة وأولياء الطلبة بكليتك

أو

النصائح التي يقدم امامنا الكاتب أحمد أمين

18. هات أسئلة للأجوبة الآتية:

- (a) أنا أرجع من الكلية
(b) لا ، ليس عندي حساب في هذا البنك
(c) أقمت في هذا الفندق منذ أسوع
(d) أصابني الحمى

19. أكمل الحوار الآتي

ما جنسيتك؟

.....

إلى أين أنت تريد؟

من يصاحب معك؟

..... ماذا يعمل؟

.....

Turn over

20. كون سؤالاً بالآتية :

- (a) متى (b) كم
(c) ما (d) أي
(e) أين

21. رتب الكلمات الآتية

- (a) الموجودة / فيه / ما / التسهيلات / هي ؟
(b) قليلاً / انتظر / أحضر / الأدوية / انتظر / حتى
(c) شينا / هل / آخر / تيفي ؟
(d) إلى / الأحذية / معرض / تذهب

22. ترجم إلى العربية

- (a) Walk on the right side
(b) Keep Silence
(c) Safety first speed next
(d) Tie the seat belt
(e) Kept left

23. ترجم إلى الإنجليزية

- (a) الحالة الاجتماعية
(b) المؤهلات العلمية
(c) الراتب المتوقع
(d) تاريخ انتهاء الصلاحية
(e) كلمة افتتاحية

Section C

Each question carries 10 marks.

(2 × 10 = 20 marks)

أعد مقالة في العربية عن اثنين من الآتية

24. أعد نماذج البيانات الشخصية
25. اكتب تقريراً عن النشاطات السياحية التي شاهدت في دلهي
26. أعد طلباً لوظيفة المترجم في شركة
27. جاسم وجورج زميلان في الكلية ، جورج مصاب بالحمى فزار جاسم صديقه جورج بالمستشفى وجرى بينهما حوار فأعد ذلك الحوار.

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Arabic

GEC 1AR 02—COMMUNICATIVE SKILLS IN ARABIC

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

12x½=6

١. أجب عن الأسئلة الآتية في كلمة: -
- أكمل الفراغ بلفظ مناسب: -
 - ١. حافظ ----- النظافة.
 - ٢. وصلت ----- المطار في الساعة السابعة صباحاً.
 - ٣. شاركت ----- المسابقة الأدبية.
 - ٤. بيتي بعيد ----- الكلية.
 - أكمل الفراغ بكلمة مناسبة مما بين القوسين: -
 - ٥. تبلغ درجة الحرارة ----- ٢٧ درجة مئوية. (الأقصى، القصى، القصوي، القصويات)
 - ٦. ظلت الأسواق والمحلات ----- (مغلقة، مغلقة، مغلقين)
 - ٧. أنا ----- إلى المستشفى الحكومي. (تذهب، أذهب، يذهب)
 - ٨. ----- الأمطار أمس. (هطلت، هطل، هطلن)
 - هات أسئلة مناسبة للأجوبة الآتية:-
 - ٩. أرجع في يوم السبت القادم.
 - ١٠. أنا هندي.
 - ١١. أفضل اللون الفاتح.
 - ١٢. نعم، نحن نقبل بطاقة الانتماء.
 - II. أجب عن عشرة من الآتية في جملة أو جملتين: -
 - ١٣. كيف تذهب إلى الكلية؟

10x2=20

Turn over

١٤ . متى تنام ليلاً؟

١٥ . كم عمرك؟

١٦ . ما هي فوائد السياحة؟

١٧ . بكم اشتريت بنطلونك؟

١٨ . ماذا يعمل والدك؟

١٩ . أين يقف القطار؟

٢٠ . عرّب: Safety first, Speed next

٢١ . هل زرت مدينة بنغلور؟

٢٢ . متى تتناول الفطور؟

٢٣ . استعمل في الجملة: تعطل

٢٤ . ترجم الجملة: ممنوع الدخول للمراكب الثقيلة

6x5=30

III . اكتب عن ستة من الآتية حسب الإرشادات: -

٢٥ . يذهب أنور إلى معرض الأحذية وتكلم مع البائع. اكتب الحوار كما يجري بينهما.

٢٦ . أنت تذهب إلى بنك الهندي الوطني لفتح حساب فيه. اذكر الحوار الذي جرى بينك وبين المدير.

٢٧ . أعد بياناً شخصياً لتقديمه مع طلب الوظيفة في وزارة الصحة لدولة الكويت.

٢٨ . قرر لجنة المدرسين لعقد ملتقى الطلاب لتوعيتهم بالشؤون القانونية. أعد إعلاناً لنشره في لوحة الإعلانات.

٢٩ . أعد طلباً لوظيفة المترجم في شركة خاصة بدولة الكويت.

٣٠ . قرر قسم اللغة العربية عقد رحلة علمية إلى بنغلور. أعد إعلاناً مناسباً لتسجيل الطلبة الراغبين فيها

٣١ . ترجم الكلمات الآتية إلى الإنجليزية:

(٣) رخصة قيادة

(٢) المستويات العالمية

(١) مدير شؤون الموظفين

(٥) شبكات المدفوعات

(٤) الطريق الدائري

٣٢ . عرّب الكلمات الآتية:

1. Tour operator

2. Internal examinations

3. Department of immigration

4. Students union

5. Supervisor

2x12=24

IV. أجب عن اثنين من الآتية: -

٣٣. اكتب مقالة عن فوائد السياحة.

٣٤. شركة "تويوتو" أنجبت طرازا جديدا من السيارة. أعد إعلانا مناسباً لهذا:

٣٥. اكتب رسالة إلى عميد الكلية تطلب منه الإجازة لمدة أسبوع.

٣٦. اكتب مقالة عن المهارات اللغوية الأربعة.

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FIRST SEMESTER B.Voc. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Hindi

GEC 1HD 02—PROSE AND ONE ACT PLAYS

(2019. Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

- I. निम्नलिखित प्रश्नों में से किन्हीं प्रश्नों के उत्तर लिखिए। प्रत्येक प्रश्न के 2 अंक हैं। आपको अधिकतम 25 अंक मिल सकते हैं :
- 1 त्रिशंकू की पौराणिक कथा कौन-सी है ?
 - 2 'भीष्म को क्षमा नहीं किया गया !' के द्वारा लेखक क्या कहना चाहता है ?
 - 3 'कर्ज के पैसे से तीर्थ करने में सवाब नहीं मिलता बबुआ'। यह प्रसंग किस रचना का है ? इसका लेखक कौन है ?
 - 4 'त्रिशंकू बेचारा' का लेखक कौन है ? इस कहानी में प्रस्तुत त्रिशंकू की सबसे बड़ी अभिलाषा क्या थी ?
 - 5 मोहन राकेश की किन्हीं दो महत्वपूर्ण रचनाओं के नाम लिखिए।
 - 6 लेखक के विचार में यायावर का एकमात्र लक्ष्य क्या है ?
 - 7 हजारी प्रसाद द्विवेदी के किन्हीं दो निबंध संग्रहों के नाम लिखिए।
 - 8 'मैं कहता हूँ, यह मजहब नहीं है' मैं हज से हो आया हूँ, 'कुरान' मैंने पढी है'। ये पंक्तियाँ किस रचना की हैं ? इन पंक्तियों का वक्ता कौन है ?
 - 9 'शादी की बात' एकांकी में रचनाकार ने मुख्य रूप में किस पर व्यंग्य किया है ?
 - 10 'जीवन है लेकिन मृत्यु नहीं, यह मैंने अपने इस कम्पाउंड से सिद्ध किया है'। यह वाक्य कौन कहता है ? इस 'कम्पाउंड' की क्या विशेषता है ?
 - 11 'बहु की विदा' का रचनाकार कौन है ? इस एकांकी के नारी पात्रों के नाम लिखिए।
 - 12 परमानंद किस एकांकी का पात्र है ? वह क्या काम करता है ?
 - 13 'आज के युग में पैसा ही नाक है और वही मूँछ है। जिसके पास पैसा नहीं वह नाक मूँछवाला होते हुए भी नकटा और मूँछकटा है'। ये वाक्य किस एकांकी के हैं ? यह प्रसंग कौन कहता है ?

Turn over

- 14 इसके बदले मैं आपसे एक कौड़ी भी न लूँगा । इसकी कामयाबी ही इसकी कीमत है' । यहाँ वक्ता किसके बदले में एक कौड़ी भी न लेना चाहता है ?
- 15 'त्रिशंकू मास्टर, मैं तुमसे बहुत खुश हूँ' । यहाँ विश्वामित्र त्रिशंकू से क्यों खुश है ?

(25 marks)

Part B

II. निम्नलिखित प्रश्नों में से किन्हीं प्रश्नों के उत्तर लिखिए । प्रत्येक प्रश्न के 5 अंक हैं । आपको अधिकतम 35 अंक मिल सकते हैं ।

- 16 'जान से प्यारे' एकांकी में अभिव्यक्त वर्तमान जीवन की विसंगतियों पर प्रकाश डालिए ।
- 17 'त्रिशंकू बेचारा' का व्यंग्य स्पष्ट कीजिए ।
- 18 'भीष्म को क्षमा नहीं किया गया' ! निबंध के प्रतिपाद्य की विवेचना कीजिए ।
- 19 'गाय की कुर्बानी नहीं होगी ! ये फालतू बातें सुनने को मैं तैयार नहीं हूँ । तुम लोग हमारी आँखों के सामने से हट जाओ' —इस प्रसंग की संदर्भ सहित व्याख्या कीजिए ।
- 20 पठित निबंध के आधार पर यात्रा के गुणों पर प्रकाश डालिए ।
- 21 'बहू की विदा' के जीवनलाल का परिचय दीजिए ।
- 22 यात्रा के बीच लेखक को कौन-सी दुर्घटना का सामना करना पडा ?
- 23 'शादी की बात' एकांकी की विशेषताओं का उल्लेख कीजिए ।

(35 marks)

Part C

III. निम्नलिखित प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लिखिए । प्रत्येक प्रश्न के 10 अंक हैं :

- 24 सुभान खाँ की चारित्रिक विशेषताओं का परिचय दीजिए ।
- 25 'बहू की विदा' एकांकी का सारांश लिखिए ।
- 26 'भीष्म को क्षमा नहीं किया गया' ! में अभिव्यक्त विचारों का उल्लेख कीजिए ।
- 27 'जान से प्यारे' एकांकी मानवीय संवेदन शून्यता पर तीखा व्यंग्य है' । इस कथन की पुष्टि कीजिए ।

(2 × 10 = 20 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Hindi

GEC 1HD 02—PROSE AND ONE ACT PLAYS

(2016 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. वस्तुनिष्ठ उत्तर लिखिए : (प्रश्न संख्या 1 से 10 तक के सभी प्रश्नों के उत्तर अनिवार्य हैं।) :

(क) कोष्ठकों से सही उत्तर चुनकर लिखिए :

1 'शादी की बात' का रचनाकार कौन है ?

(स्वदेश भारती, विष्णु प्रभाकर, स्वदेश दीपक, भुवनेश्वर)

2 'त्यागमूर्ति 'निराला' का लेखक कौन है ?

(रामचंद्र शुक्ल, बलदेव सहाय, रघुवीर सहाय, शिवपूजन सहाय)

3 इनमें महादेवी वर्मा की रचना कौन-सी है ?

(देहाती दुनिया, शृंखला की कडियाँ, युगधारा, फूल और काँटे)

4 होली असुर की किस मनोभावना की गाथा है ?

(साहस, धूर्तता, त्याग, भक्ति)

5 पृथ्वीराज आर्षे निकालते समय किस प्रेयसी का अभाव अनुभव कर रहा था ?

(रत्नावली, पद्मिनी, पद्मावती, संयोगिता)

(ख) एक-एक शब्द में उत्तर लिखिए :

6 'महाभारत की एक साँझ' का रचयिता कौन है ?

7 चकोरी की माँ का क्या नाम है ?

8 कार्लिदी को उसकी माँ प्यार से क्या कहकर पुकारती थीं ?

. Turn over

- 9 'होली और ओणम' का लेखक कौन है ?
- 10 'पृथ्वीराज की आँखें' की कथावस्तु का आधार ग्रंथ कौन-सा है ?

(10 × 1 = 10 marks)

II. किन्हीं दस प्रश्नों के लघु उत्तर (दो-तीन वाक्यों में) लिखिए :

- 11 विवेकानंद सोसाइटी से ठीक वेतन मिलने पर भी निराला ने अपने परिवार को क्यों कुछ नहीं भेजा ?
- 12 'जीवन का व्यवसाय' का मुख्य प्रतिपाद्य क्या है ?
- 13 ओणम को क्यों मिलन का उत्सव कहते हैं ?
- 14 'मैं तो किसी सरकार की परवाह नहीं' करता। मगर तुम्हारा यह सेक्रेटरी मुझसे क्यों नाराज है' ?—यह प्रसंग किस रचना का है ? प्रस्तुत वाक्य कौन किससे कहता है ?
- 15 निराला ने प्रेस के मेशीन मैन की कौन-सी सहायता की ?
- 16 महादेवी के विचार में पतित समझी जानेवाली स्त्रियाँ दोहरे अभिशाप से पीड़ित हैं। यह दोहरा अभिशाप कौन-सा है ?
- 17 गोरी ने पृथ्वीराज को बंदी बनाने के बाद उस पर कौन-सा अत्याचार किया ?
- 18 द्रौपदी के चीर हरण को न्याय संगत साबित करने के लिए दुर्योधन कौन-सा तर्क पेश करता है ?
- 19 मोहन की माँ ने कार्लिदी को उसके मायके क्यों नहीं जाने दिया ?
- 20 चकोरी चाँद से शादी करने से क्यों इनकार करती है ?
- 21 चंदबरदाई ने शहाबुद्दीन गोरी से कौन-सा इनाम माँगा ?
- 22 'क्या स्त्रियाँ की भाँति यहाँ जल में छिपकर बैठा है ? बाहर निकल आ। देख तेरा काल तुझे ललकार रहा है'। ये वाक्य किस रचना से उद्धृत हैं ? यह प्रसंग कौन किससे कहता है ?

(10 × 2 = 20 marks)

III. किन्हीं चार प्रश्नों के संक्षिप्त उत्तर (150 शब्दों में) लिखिए :

- 23 दुर्योधन को सुयोधन कहना कहाँ तक उचित है ? तर्क संगत उत्तर लिखिए।
- 24 'वे बहादुरी से बिके' का व्यंग्य स्पष्ट कीजिए।
- 25 होली और ओणम की सांस्कृतिक महिमा पर प्रकाश डालिए।

26 'शादी की बात' एकांकी आधुनिक समाज की व्यवस्था पर तीखा व्यंग्य है—इस कथन की पुष्टि कीजिए ।

27 सप्रसंग व्याख्या कीजिए :

स्वयं हलाहल के घूंट पीकर दूसरों को अमृत ही पिलते रह गए । समाज में त्यागी और साहित्य में बागी इस युग में दूसरा ऐसा हुआ ही कौन ?

28 सप्रसंग व्याख्या कीजिए :

यदि उस समय तुम होते, तो काँप जाते ! तुम्हारी लेखनी कुंठित हो जाती । मनुष्यता थर्रा उठती ।

(4 × 5 = 20 marks)

IV. किन्हीं दो प्रश्नों के विस्तृत उत्तर लिखिए :

29 'यहाँ रोना मना है' एकांकी के आधार पर नारी जीवन की विसंगतियों पर प्रकाश डालिए ।

30 पठित संस्मरण के आधार निराला की त्याग भावना का परिचय दीजिए ।

31 'जीवन का व्यवसाय' में चित्रित नारी जीवन के विभिन्न पहलुओं पर विचार कीजिए ।

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Hindi

GEC 1HD 02—COMMUNICATION SKILLS IN HINDI

(2014 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. वस्तुनिष्ठ उत्तर लिखिए : (प्रश्न संख्या 1 से 10 तक के सभी प्रश्नों के उत्तर अनिवार्य हैं।) :

(क) कोष्ठकों से सही उत्तर चुनकर लिखिए :

1 ईरानियों का प्राचीन ग्रंथ कौन-सा है ?

(सफरनामा, अवेस्ता, रामायण, कुरान)

2 हिन्दी शब्द का सर्वप्रथम प्रयोग किस विद्वान ने किया ?

(कबीर, तुलसी, अमीर खुसरो, चंद बरदाई)

3 'सीमा रेखा' एकांकी का लेखक कौन है ?

(रामकुमार वर्मा, उदयशंकर भट्ट, लक्ष्मीनारायण लाल, विष्णु प्रभाकर)

4 'नए मेहमान' की रेवती के पति का क्या नाम है ?

(रामनाथ, गोपीचंद्र, विश्वनाथ, गोपालप्रसाद)

5 इन्दु किस एकांकी का पात्र है ?

(सीमा रेखा, नए मेहमान, सूखी डाली, भोर का तारा)

(ख) एक-एक शब्द में उत्तर लिखिए :

6 'सूखी डाली' का रचनाकार कौन है ?

7 लक्ष्मीचंद्र की पत्नी का क्या नाम है ?

8 'नए मेहमान' किसका लिखा एकांकी है ?

Turn over

- 9 मथुरा और आगरा किस बोली का क्षेत्र है ?
10 'आईने अकबरी' का रचनाकार कौन है ?

(10 × 1 = 10 marks)

II. किन्हीं पाँच प्रश्नों के उत्तर दो-तीन वाक्यों में लिखिए :

- 11 इन्दू किस पर नाराज़ है और क्यों ?
12 राष्ट्र भाषा से क्या मतलब है ?
13 हिन्दी की किन्हीं चार बोलियों के नाम लिखिए ।
14 जनभाषा से क्या तात्पर्य है ?
15 पारिभाषिक शब्दावली किसे कहते हैं ?
16 'नए मेहमान' का मूल प्रतिपाद्य क्या है ?
17 'सब अंधे हैं ! ताकत के अंधे । जो सामने आता है उसे कुचल देना चाहते हैं' ।—यह प्रसंग किस एकांकी का है ? यह कथन किसका है ?

(5 × 2 = 10 marks)

III. किन्हीं चार प्रश्नों के संक्षिप्त उत्तर (150 शब्दों में) लिखिए :

- 18 उर्दू और हिन्दुस्तानी का परिचय दीजिए ।
19 हिन्दी को भारत की संपर्क भाषा बनाने के ठोस कारणों पर प्रकाश डालिए ।
20 उत्तर भारत के किसी रेलवे स्टेशन पर एक हिन्दी भाषी से हुई आपकी बातचीत का नमूना प्रस्तुत कीजिए ।
21 सप्रसंग व्याख्या कीजिए :

हल्की-सी खरोंच भी, यदि उस पर तत्काल दवाई न लगा दी जाए, बढ़कर एक बड़ा घाव बन जाती है और वही घाव नासूर हो जाता है, फिर लाख मरहम लगाओ, ठीक नहीं होगा ।

- 22 सप्रसंग व्याख्या कीजिए :

ईश्वर करे इन दिनों कोई मेहमान न आए ! मैं तो वैसे ही गरमी के मारे मर रही हूँ । पिछले पंद्रह दिन से दर्द के मारे सिर फट रहा है ।

- 23 सप्रसंग व्याख्या कीजिए :

जब तक सरकार और उसके अधिकारी ठीक आचरण नहीं करेंगे, तब तक जनता प्रदर्शन करती ही रहेगी ।

(4 × 5 = 20 marks)

IV. किसी एक प्रश्न का उत्तर लिखिए :

- 24 आपके नगर के एक सहकारी बैंक में लिपिक का पद खाली है। प्रस्तुत पद के लिए एक आवेदन पत्र तैयार कीजिए।
- 25 तृशूर के एक हाईस्कूल में हिन्दी अध्यापक का पद खाली है। प्रस्तुत पद के लिए प्रस्तुत स्कूल के हेडमास्टर के नाम एक आवेदन पत्र तैयार कीजिए।

(1 × 10 = 10 marks)

V. निर्देशानुसार उत्तर लिखिए :

26 समानार्थी हिन्दी शब्द लिखिए :

- | | |
|-------------------|-----------------|
| (a) Commissioner. | (b) Income Tax. |
| (c) Manager. | (d) License. |
| (e) Claim. | |

(5 × 1 = 5 marks)

27 समानार्थी अंग्रेजी शब्द लिखिए :

- | | |
|-------------|----------------|
| (a) अनुमोदन | (b) अनुप्रमाणन |
| (c) अग्रिम | (d) जनगणना |
| (e) लेखाकार | |

(5 × 1 = 5 marks)

VI. किन्हीं दो प्रश्नों के विस्तृत उत्तर लिखिए :

- 28 हिन्दी की प्रमुख बोलियों का परिचय दीजिए।
- 29 'सीमा रेखा' एकांकी की कथा वस्तु संक्षेप में लिखकर उसका उद्देश्य स्पष्ट कीजिए।
- 30 जनसंचार की भाषा के रूप में हिन्दी की भूमिका का परिचय दीजिए।

(2 × 10 = 20 marks)

FIRST SEMESTER B.Voc. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG) -

Malayalam

GEC 1M L02—MALAYALA BHASHAYUM SAHITHYAVUM—I

(2019 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A

രണ്ടോ മൂന്നോ വാക്യത്തിൽ ഉത്തരമെഴുതുക. ഓരോന്നിനും 2 മാർക്ക് വീതം പരമാവധി 25 മാർക്ക് :

- 1 “എന്നാലുമെങ്ങനെയെന്നിരിക്കിലും ജീവനായി കണ്ണായി കണ്ണിനമൃതായി വെളിച്ചമായി”—സൂചിതമെന്ത് ?
- 2 കഴൽ നീങ്ങി, കാട്ടിലേയ്ക്കുനീയാണമ്പിളി കലയുണ്ടേ മാനത്തിൻ ദംഭ്രം പോലെ—അലങ്കാരപ്രയോഗത്തിന്റെ പ്രസക്തിയെന്ത് ?
- 3 “മറന്നുപോയെൻ പദങ്ങൾ പഠിച്ചു നൃത്തം”—മറവിക്കുള്ള കാരണമെന്ത് ?
- 4 “അതേ വിദ്യകൊണ്ട് തുടുത്തുദിച്ചവരാണ് നമ്മുടെ നേതൃന്മാരങ്ങൾ”—ഏതു വിദ്യ ?
- 5 മൊമ്പാസ തുറമുഖത്തെത്തിയ എസ്.കെ. പൊന്റക്കാടിന്റെ കണ്ണിൽ ആദ്യം പെട്ട കാഴ്ചയെന്ത് ?
- 6 ഏഷ്യക്കാർ റൊഡേഷ്യയിൽ വിരലടയാളം പതിപ്പിക്കുന്നതിൽ നിന്ന് ഒഴിവാക്കപ്പെട്ടതെങ്ങനെ ?
- 7 ജനിച്ച നാട്ടിൽ കാപ്പിരിക്കു സ്ഥാനമില്ലെന്നു പറയുന്നതെന്തുകൊണ്ട് ?
- 8 ‘ബാലിശമായ രസം’ എന്ന് ഏതനുഭവത്തെയാണ് കഥാകാരി വിശേഷിപ്പിക്കുന്നത് ?
- 9 “ഞങ്ങൾ ഞങ്ങളുടെ കുഞ്ഞുങ്ങളെ പഠിപ്പിച്ചത് നിങ്ങൾ നിങ്ങളുടെ കുഞ്ഞുങ്ങളെയും പഠിപ്പിക്കുക”—വിവക്ഷിതം വ്യക്തമാക്കുക.
- 10 ശിശുവിലിരിക്കുന്ന ജാഡ്യതയെ ഉണർത്തുന്നതിനെക്കുറിച്ച് നിത്യചൈതന്യയതിയുടെ കാഴ്ചപ്പാടെന്ത് ?
- 11 “പിൻവശത്തേക്കുള്ള ജനൽ മലർക്കെ തുറന്നിട്ടായിരുന്നു സരള അമ്മിൽ നിന്നു രക്ഷപ്പെട്ടത്”—ഏതിൽ നിന്ന് ?
- 12 തളർച്ചയെക്കുറിച്ച് ഓർമ്മവരാതിരിക്കാൻ മുത്തച്ഛൻ ചെയ്യുന്നതെന്ത് ?
- 13 “നശിപ്പിച്ചുവരാണല്ലോ യഥാർത്ഥത്തിൽ നിരാശപ്പെടേണ്ടത്”—എന്താണ് നശിപ്പിച്ചത് ?
- 14 ഭാവിയിൽ എങ്ങനെ അറിയപ്പെടണമെന്ന ചോദ്യത്തിന് പൊക്കുടൻ നൽകുന്ന ഉത്തരമെന്ത് ?

Turn over

15 'അതുകൊണ്ടുകൂടിയാവാം ഞാൻ ലോലയിൽ ആകൃഷ്ടനായത് എന്ന് ഇന്നെന്നിക്കു തോന്നുന്നു' ആര് ? എന്തുകൊണ്ട് ?

(25 marks)

Section B

ഒരു പുറത്തിൽ കവിയാതെ ഉത്തരമെഴുതുക. ഓരോന്നിനും 5 മാർക്ക് വീതം പരമാവധി 35 മാർക്ക് :

- 16 'ഇരതേടും ക്രൂരങ്ങൾ നഖരമുരപ്പതു-
മറിയാതാം ധ്യാനപരതയോടെ—ആരാണ് ധ്യാനിക്കുന്നത് ? കവി ഉദ്ദേശിക്കുന്ന ആശയതലം വിശദമാക്കുക.
- 17 'ഒറ്റ സ്റ്റാപ്പിൽ ഒതുക്കാനാവില്ല സർ ജീവിത സത്യം'—ഇങ്ങനെ പറയുന്നതെന്തുകൊണ്ട് ?
- 18 'അറിഞ്ഞു പോൽ രാജൻ നിന-
ക്കറിയാത്തൊരാനന്ദത്താൽ
പരമമാം രഹസ്യം ഞാനൊരു കിനാവിൽ'—എന്താണോ രഹസ്യം ?
- 19 വ്യക്തി സമൂഹത്തിന്റെ നാനാത്വത്തിലേക്ക് ഒഴുകിച്ചെല്ലുന്നത് എങ്ങനെയാണ് ?
- 20 "ചുട്ടുള്ള പുക കനത്ത നെഞ്ചിലേക്കു നുഴഞ്ഞുകയറി"—വേണ്ടാം കടിയിലെ അച്ഛന്റെ മാനസികാവസ്ഥ വ്യഞ്ജിപ്പിക്കാൻ ഈ പ്രയോഗം എത്രമാത്രം സമർത്ഥമാണെന്നു വിശദമാക്കുക.
- 21 സരളയുടെ കൂട്ടംബജീവിതം ജീവിതത്തിന്റെ പ്രധാന പാതയിലൂടെ മാത്രം നീങ്ങുന്ന ഒന്നായിരുന്നു എന്ന് പറയാൻ കാരണമെന്ത് ? അതിനു മാറ്റം വന്നതെപ്പോൾ ?
- 22 മധ്യാഹ്നിക്കയിലേക്കു മാറിയ നീഗ്രോ വർഗക്കാർ നേരിട്ട ദുരിതങ്ങൾ എന്തൊക്കെ ?
- 23 ബൈറയിലെ അനുഭവങ്ങളെ എസ്.കെ. പൊറ്റെക്കാട്ട് ഓർത്തെടുക്കുന്നതെങ്ങനെ ?

(35 marks)

Section C

ഏതെങ്കിലും രണ്ടു ചോദ്യത്തിന് മൂന്നുപുറത്തിൽ കവിയാതെ ഉപന്യാസം തയ്യാറാക്കുക. ഓരോന്നിനും 10 മാർക്ക് വീതം :

- 24 'ഇരച്ചുകയറുന്ന മാതൃദുഃഖം സാമൂഹികദുഃഖമായി പരിവർത്തനപ്പെടുന്ന അനുഭവമാണ് 'കൊല്ലേണ്ടതെങ്ങനെ' എന്ന കവിത പങ്കുവയ്ക്കുന്നത്—സമർത്ഥിക്കുക.
- 25 ബ്രിട്ടീഷ് അധിനിവേശ ആഫ്രിക്കയുടെ കാഴ്ചകളെ 'കാപ്പിരികളുടെ നാട്ടിൽ' അവതരിപ്പിക്കുന്നതെങ്ങനെ ?
- 26 'ആഖ്യാനത്തിന്റെ അസാമാന്യത കൊണ്ട് ജീവിതത്തിന്റെ സൂക്ഷ്മചിത്രങ്ങൾ ആവിഷ്കരിക്കുന്ന എഴുത്തുകാരനാണ് കോവിലൻ'—'വേണ്ടാംകടി' എന്ന കഥ ഇത് സാധൂകരിക്കുന്നുണ്ടോ എന്ന് പരിശോധിക്കുക.
- 27 കലയുടെ ആവിഷ്കാരത്തെക്കുറിച്ചുള്ള നിത്യചൈതന്യത്തിലൂടെ നിരീക്ഷണങ്ങൾ സംഗ്രഹിക്കുക.

(2 × 10 = 20 marks)

FIRST SEMESTER B.Voc. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

Malayalam

GEC 1M L02—MALAYALA BHASHAYUM SAHITHYAVUM—I

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. ഒറ്റവാക്കിൽ ഉത്തരമെഴുതുക :

- 1 എ.പി.ജെ. അബ്ദുൾ കലാമിന് ലഭിച്ച പരമോന്നത ബഹുമതി ഏതാണ് ?
- 2 സിയാറ്റിൽ മൂപ്പന്റെ കത്ത് അഭിസംബോധന ചെയ്യുന്നത് ആരെയാണ് ?
- 3 എസ്.കെ. പൊറ്റേക്കാട് എഴുതിയ ആഫ്രിക്കൻ യാത്രാവിവരണകൃതി ഏതാണ് ?
- 4 വൈലോപ്പിള്ളിയുടെ ആദ്യകവിതാസമാഹാരം ഏത് ?
- 5 ലിപ്യന്തരണം എന്നാൽ എന്ത് ?
- 6 കാൾ റോമിന്റെ പൃസ്തകത്തിന്റെ ഇംഗ്ലീഷ് പേര് എന്താണ് ?
- 7 ആഫ്രിക്കയെ ഇരുണ്ടഭൂഖണ്ഡം എന്ന് വിളിച്ചത് ആരാണ് ?
- 8 മലയാള കവിതാസാഹിത്യ ചരിത്രം എന്ന കൃതിയുടെ കർത്താവ് ആരാണ് ?
- 9 പാവങ്ങൾ എന്ന വിവർത്തനകൃതിയുടെ കർത്താവ് ആരാണ് ?
- 10 ഏത് മേഖലയിലെ പ്രവർത്തനം കാരണമാണ് കല്ലേൻ പൊക്കുടൻ ശ്രദ്ധേയനായത് ?

(10 × ½ = 5 marks)

II. ഒന്നോ രണ്ടോ വാക്കിൽ കവിയാതെ ഉത്തരമെഴുതുക :

- 11 എം.ഐ.ടിയിൽ കലാമിന്റെ അദ്ധ്യാപകർ ആരാക്കയായിരുന്നു ?
- 12 ഭൂമി വില്ലുവാനോ വാങ്ങുവാനോ സാധിക്കുന്നതല്ലെന്ന് സിയാറ്റിൽ മൂപ്പൻ കരുതുന്നത് എന്തുകൊണ്ട് ?
- 13 വിവർത്തനത്തിന് ഒരു നിർവ്വചനം നല്കുക.
- 14 പ്രാണരക്ഷണത്തിനായി ചെയ്യുന്ന മോഷണം പാപമല്ലെന്ന് പറയുന്നത് ആരാണ് ?
- 15 ഭൂനിയമത്തിന്റെ ഉദ്ദേശ്യലക്ഷ്യങ്ങളെ തകിടം മറിക്കുന്ന കാര്യമായി ആർ.വി.ജി. മേനോൻ ചൂണ്ടിക്കാട്ടുന്നത് എന്തിനെയാണ് ?

(5 × 2 = 10 marks)

Turn over

III. നൂറ്റമ്പത് വാക്കുകളിൽ കവിയാതെ അഞ്ച് ചോദ്യങ്ങൾക്ക് ഉത്തരമെഴുതുക :

- 16 ജീവന്റെ വല നെയ്യത് മനുഷ്യനല്ല. അവനതിൽ ഒരു ഈ മാത്രമാണ്. ആ വലയോട് അവൻ ചെയ്യുന്നതെല്ലാം അവൻ തന്നോട് തന്നെയാണ് ചെയ്യുന്നത്". സിയാറ്റിൽ മൂപ്പന്റെ ഈ വാക്കുകൾ വിശദീകരിക്കുക.
- 17 കീടനാശിനികളെ ജീവനാശിനികൾ എന്ന് റെയ്ച്ചൽ കാഴ്ച വിളിക്കാൻ കാരണമെന്ത് ?
- 18 സാഹിത്യകൃതികളുടെ വിവർത്തനത്തിൽ അഭിമുഖീകരിക്കുന്ന പ്രശ്നങ്ങൾ ചുരുക്കിയെഴുതുക.
- 19 പിതാവിനെക്കുറിച്ചുള്ള കലാമിന്റെ അനുസ്മരണം സംഗ്രഹിക്കുക.
- 20 കല വെട്ടാതെ വിപ്രൻ തിരിച്ചുപോരാൻ കാരണമെന്ത് ?
- 21 മലയാളത്തിലെ ശാസ്ത്രസാഹിത്യശാഖയിൽ പി.ടി. ഭാസ്കരപണിക്കർക്കുള്ള സ്ഥാനം നിർണ്ണയിക്കുക.
- 22 ആഫ്രിക്കയിലെ രാഷ്ട്രീയാവസ്ഥയെക്കുറിച്ച് സക്കറിയ നല്ലൂന്ന വിവരങ്ങൾ എന്തൊക്കെ ?

(5 × 5 = 25 marks)

IV. മൂന്നു വാക്കിൽ കവിയാതെ നാലു ചോദ്യങ്ങൾക്ക് ഉത്തരമെഴുതുക :

- 23 കലാമിന്റെ ശാസ്ത്രപഠനത്തെക്കുറിച്ച് ഉപന്യസിക്കുക.
- 24 പ്രകൃതിസംരക്ഷകരുടെ പ്രമാണഗ്രന്ഥമാണ് നിശ്ശബ്ദവസന്തം. ഉപന്യസിക്കുക.
- 25 വികസനവും ഭൂമിയും തമ്മിലുള്ള ബന്ധത്തെ ആർ.വി.ജി. മേനോൻ അവതരിപ്പിക്കുന്ന കാഴ്ചപ്പാട് എന്തെന്ന് കാരണങ്ങൾ സഹിതം വിശദീകരിക്കുക.
- 26 പൊറ്റൊക്കട്ടിന്റെയും സക്കറിയയുടെയും ആഫ്രിക്കൻ യാത്രകൾ താരതമ്യം ചെയ്യുക.
- 27 വിവർത്തനത്തിൽ സംഭവിക്കാവുന്ന അപാകതകളെക്കുറിച്ച് വിഷ്ണുനാരായണൻ നമ്പൂതിരി അവതരിപ്പിക്കുന്ന ആശയങ്ങൾ സംഗ്രഹിക്കുക.
- 28 ജീവിതദൈന്യം ചിത്രീകരിക്കുന്നതിൽ കൃതഹസ്തനായ ഒരു കവിയായി വൈലോപ്പിള്ളി പ്രത്യക്ഷപ്പെടുന്ന രചനയാണ് ചന്ദ്രന്റെ ചിരി. പരിശോധിക്കുക.

(4 × 10 = 40 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

English

GEC 1EG 01—TRANSACTIONS : ESSENTIAL ENGLISH LANGUAGE SKILLS

(2019 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part 1 (Speaking Skills)

I. Read the following questions and do as directed. All questions can be answered. (Ceiling 20) :

Each question carries 2 marks.

- 1 You want to spend some time with the inhabitants in an orphanage. How will you suggest this to your friends ?
- 2 You forgot to post a letter which was entrusted to you by your friend. Express your regret *using should have*.
- 3 *Sure but later* is a reply to a telephone call. Frame a suitable question used in telephonic English for this reply.
- 4 Rearrange the given jumbled sentence to get the correct expression used for soft disagreement, opinion / many issues / Grasp / you / there are / I respect / could not / your / however / that.
- 5 Identify the vowel sounds in *Chart* and *Poor* and categorise them as monophthong or diphthong.
- 6 Identify the sounds of the underlined letters in *Jeep* and *Through* and transcribe them.
- 7 *I had spoken to them about my holiday*. Rewrite the sentence correctly. Justify your corrections.
- 8 *I would like to travel with my best friend, Kim*. Frame a "Wh" question for this sentence.
- 9 We should not waste our time watching TV. Identify the verb and helping verb in the sentence.
- 10 *Students are dishing out leaflets to passers-by*. Identify the phrasal verb in the sentence and write its meaning.
- 11 Her house is just *very near*. Write the idiomatic expression for the underlined words.
- 12 *I wasn't just disappointed, I was absolutely shattered*. Write the meaning of the underlined word in the given sentence.

Turn over

II. Read the following questions and do as directed. All questions can be answered. (Ceiling 30)

Each question carries 5 marks :

- 13 Prepare a short telephonic conversation in which phrases like *I'm afraid, hang on, speaking* etc. occur.
- 14 Elucidate the way in which the given words differ in articulation and meaning. Support your answers with examples.

Contest (N) & Contest (V)

Insult (N) & Insult (V)

- 15 Each given sentence has one word missing. Write it in and justify your answer :

Children not play hockey on Mondays.

The Calicut bus stop here ?

- 16 Reorder the given sentences and identify the tense in them

students lat/ their / sitting/ right now /the / desks /are

Rajesh / television / night / watched / last

- 17 Choose one phrasal verb and use it in two sentences of yours.

- 18 Choose one idiom and use it in two sentences of yours. *Toy with/count on.*

Lock horns/Pour your heart to somebody

- 19 The sentences below consist of some grammatical mistakes. Identify the mistakes and rewrite them correctly. Justify your corrections.

I Write to my friend in New Zealand every month. She live on a big farm near the mountains.

Diana is a nurse at the local children's hospital. She's been looking after sick kids.

III. Read the following questions and answer any one of the following.

- 20 Make up a reasonably long dialogue which contains expressions used for polite requests/persuasions/suggestions and their responses.

Speakers : Jyothilakshmi and Sudheer.

Situation: For the selection of a theme for the mime performance, Jyothilakshmi wants the theme of 'child abuse' and Sudheer wants 'women and society'.

(1 × 10 = 10 marks)

21. Read the text and do as directed.

Colour Me Pink

Red, white, pink, purple what is your favorite colour ? We are all sensitive to colour. There are some colours we like a lot and some we don't like at all. Some colours soothe us, others excite us, some make us happy, and others make us gloomy. People are affected by colour more than they realize because colour is tied to all aspects of our lives.

Experts in colourgenics, the study of the language of colour, believe that the colours we wear speak volumes about us. Do you know why you select a shirt or dress of a certain colour when you look through your clothes in the morning ? Colourgenics experts say that we subconsciously choose to wear certain colour in order to communicate our desires, emotions and needs.

Colourgenics experts claim that our clothes send messages to others about our mood, personality, and desires. For these experts, pink expresses the peace and contentment of the wearer. People who often wear pink are supposed to be warm and understanding. Red garments, on the other hand, indicate a high level of physical energy. Brown is the colour of wealth and shows a need for independence and material security. Wearers of green have a love of nature and enjoy peaceful moments. They often like to be left alone with their thoughts.

Colours have always been used to describe not only our feelings, but also our physical health and attitudes. "Red with rage" describes anger, "in the pink" means to be in good health, "feeling blue" is a sad way to feel ; and "green with envy" indicates a jealous attitude.

Colour is used symbolically in all cultures and it plays an important role in ceremonies and festivities. Yellow is a symbol of luck in Peru and it can be seen just about everywhere in new year celebration... in flowers, clothing, and decorations. The Vietnamese use yellow at weddings and also on their flag, where it represents courage, victory and sacrifice. In many cultures, white symbolizes purity, which is why brides often wear white wedding gowns. Black on the other hand, symbolizes death, and it is often the colour people wear to funerals.

According to colourgenics experts, colours not only is a mirror of ourselves, but they have an affect on us as well. Blue is calming, while red is stimulating and exciting. It is no coincidence that racing cars are often painted red. Yellow is a happy colour that makes us feel good about life. Pink awakens love and kindness.

Turn over

In conclusion, the study of colour can help us understand ourselves and improve our lives. It offers an alternative way to heal the body and spirit, it can help us understand what others are trying to communicate. We can then respond to their needs and achieve a new level of understanding.

(1 × 10 = 10 marks)

IV. Read the following sentences and choose the correct option :

- (a) The passage underlines the idea that the relationship between colour and one's personality is complex. False/True
- (b) The passage points out that learning about colour will not help us improve our life in anyway. False/True

(2 × 1 = 2 marks)

Read the sentences given below and choose the best answer :

- (c) "It is no coincidence that racing cars are often painted red." The pronoun 'it' in the sentence refers to :
- (a) Red. (b) Blue.
 (c) Racing car. (d) None of the above.
- (d) "...[i]t can help us understand what others are trying to communicate." The pronoun 'it' in the sentence refers to :
- (a) an alternative way. (b) Colorgenics.
 (c) Our life. (d) Body and spirit.

(2 × 1 = 2 marks)

Answer the following questions in complete sentences. The answers need not be directly stated in the passage.

- (e) Why might it be good for a decorator to study colourgenics ?
- (f) How might learning about colour be useful in our life ?
- (g) Based on the ideas in the essay, how would you explain the choice of white by widowed women ?

(3 × 2 = 6 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

English

GEC 1EG 01—TRANSACTIONS : ESSENTIAL ENGLISH LANGUAGE SKILLS

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part I (Speaking Skills)I. Read the following questions and choose the correct options for any *six*.

1 Which among the following expresses an opinion

- (a) I think that it will rain.
- (b) Do you think it will rain ?
- (c) I hope that it will rain.
- (d) Why do you think that it will rain ?

2 Which among the following is a polite way of apologizing ?

- (a) I don't think that I am guilty.
- (b) You cannot accuse me.
- (c) I really regret my actions.
- (d) It was my fault.

3 Imagine that you are a tourist. Which among the following sentences is a polite way of asking for directions to a restaurant ?

- (a) I'm hungry; tell me where I can grab a bite.
- (b) Tell me the way to a restaurant.
- (c) Direct me to a good restaurant nearby.
- (d) Where are the good restaurants situated please ?

4 Which among the following is a persuasive sentence ?

- (a) I hope that you have finished the work.
- (b) Shall I help you to complete the work ?
- (c) Don't you think that you should complete the work immediately ?
- (d) Complete your work now

Turn over

5 Which of the following sentences indicate a preference ?

- (a) I would rather watch a movie.
- (b) Can I watch a movie ?
- (c) I will watch a movie.
- (d) I am going to watch a movie.

6 What does the sentence "Never say die" indicate ?

- (a) Apology.
- (b) Encouragement.
- (c) Command.
- (d) Request.

7 Which among the following is a polite way of criticizing someone ?

- (a) I think you put too much salt in the dish.
- (b) If you don't mind me saying, the salt is a little on the higher side in this dish.
- (c) Why do you use so much salt ?
- (d) It's not healthy to use too much salt.

(6 × ½ = 3 marks)

II. Match the sentences in column A with their correct responses in column B :

Column A

Column B

- | | |
|-----------------------------------------------------|----------------------------------------------|
| 8 Can you hear me ? | (a) No. I am going for a meeting. |
| 9 Would you call back later ? | (b) Not yet. I might grab a bite later. |
| 10 I am sorry I think I have dialed a wrong number. | (c) This is Thomas. |
| 11 Did you have lunch ? | (d) Of course you can. |
| 12 May I know who is speaking ? | (e) I am afraid it's a bad line. |
| 13 Can I borrow an umbrella ? | (f) No, you are just in time for the meeting |
| 14 Am I late ? | (g) Do I ? |
| 15 You look pretty. | (h) That's all right. |

(8 × ½ = 4 marks)

III. From the given situations, choose any *two* and make up a short dialogue (not less than 6 exchanges). The dialogue should contain a polite request/persuasion/ suggestion and a response.

16 **Speakers** : Hari and Pradeep.

Situation : Hari wants to go on a trek in the hills. He asks Pradeep for advice.

17 **Speakers** : Askar and Anitha.

Situation : Askar is advising Anitha to exercise regularly.

18 **Speakers** : Aleena and Amar.

Situation : Amar has failed in the internal exam. Aleena is consoling - him.

(2 × 3 = 6 marks)

IV. Rearrange the following jumbled sentences to get correct expressions.

19 this / heavy / big / full / because / I / books / too / carry / box / of / can't / it's.

20 dinner / tomorrow / with / would / have / to / us / and / like / you / come.

(2 × 1 = 2 marks)

Part II (Pronunciation)

I. Read the following questions and choose the correct options.

21 The first sound in the word *only* is a _____.

- | | |
|------------------|------------------------|
| (a) Pure vowel. | (b) Diphthong. |
| (c) Vowel glide. | (d) None of the above. |

22 The final sound in reader is a _____.

- | | |
|------------------|------------------|
| (a) Vowel. | (b) Consonant. |
| (c) Monophthong. | (d) Vowel glide. |

23 The sound /z/ occurs in _____.

- | | |
|------------|-----------|
| (a) Juice. | (b) Lace. |
| (c) Price. | (d) Rose. |

Turn over

24 When conduct is used as a verb, the stress falls on _____ syllable

- (a) First. (b) Second.
(c) Third. (d) Last.

(4 × ½ = 2 marks)

II. Identify the sounds of letters shown in bold and write their transcription :

25 **Thumb, thin.**

26 **coin, sure.**

27 **judge, fire.**

(3 × 1 = 3 marks)

III. Complete the following sentences correctly :

28 Sounds during the production of which air escapes through the mouth freely are called _____.

29 Words with weak prefixes are accented on the _____.

30 Words with the same spelling and sound structure are often stressed on the first syllable if they are used as _____.

31 The vowels in the word below are _____.

32 Write a word in which the letter 'h' is silent in articulation.

(5 × 1 = 5 marks)

Part III (Grammar)

I. Choose the correct sentences from those given :

33

- (a) Either he or she cook dinner.
(b) Either he or she cooks dinner.
(c) Neither he or she cooks dinner.

34

- (a) I Can't not find the keys.
(b) Can I come to ?
(c) I cannot find the keys.

35

- (a) After today I will had worked here for ten years.
(b) After today I will have worked here for ten years.
(c) After today I will had worked here since ten years.

36

- (a) We flown over the mountains.
 (b) We flew over the mountains.
 (c) We will flown over the mountains.

(4 × ½ = 2 marks)

II. Complete the following sentences correctly :

37 It will be monsoon soon :

The tense form used is _____.

Use the appropriate verb form.

38 The train _____ by now. (arrive)

39 You need to behave politely.

What does the modal auxiliary indicate ?

40 Write a sentence indicating a polite request.

(4 × 1 = 4 marks)

III. Mary is talking about her visit to Delhi.

Make questions (Wh and Yes/No) for any four of the sentences.

41 I went to Delhi last week to attend an interview for a job in an interior design company.

42 The interview panel asked me many questions that I found difficult to answer.

43 I stayed with my brother who is teaching in a college in Delhi.

44 My brother is planning to immigrate to Australia next year as he is unhappy in his current job.

45 I don't think I will get the job in Delhi so I will continue working here.

(4 × 1 = 4 marks)

IV. Re-order any *four* of the following jumbled sentences.

46 all / in / goes / running / he / weathers.

47 the / is / most / in / popular / coca cola /India / why / drink.

48 writing / system / am / to / I / telephone / about / banking / your / complain.

Turn over

49 am / visit / person / the / the / working / a / day / as / bank / I / to / during / unable.

50 much / want / have / I / time / as / free / I / as

(4 × 1 = 4 marks)

V. Each of the sentences below consists of one grammatical mistake. Identify the mistake and rewrite them correctly.

51 I am not knowing whether my uncle came last night.

52 One of our neighbour is a builder.

53 The hen has lain six eggs.

54 Neither of the boys have come to class.

(4 × 1½ = 6 marks)

Part IV (Reading)

Florida's Everglades, the largest national park in the eastern USA, are in serious danger. One of the most significant areas of wetland in the world, and classified by UNESCO as a "*World Heritage Site*", the park has suffered dramatically over the last sixty years on account of *encroaching* agriculture and the vast expansion of Florida's population. If the decline is not stopped, the entire ecosystem of southern Florida could be irreparably damaged - and the sunshine state, one of the fastest growing states in the USA, could become an *Inhospitable* wasteland.

Back in the year 2000, in order to prevent just such a catastrophe, and ensure the survival of America's most distinctive National

Park, Congress approved a 30-year 8.2 billion dollar Everglades rescue plan, the largest concerted environmental project the world had ever known.

Estimated at 10,700 square miles (27,700 km²), the original Everglades area was home to a fantastically rich and diverse range of wildlife; but in recent decades, this wildlife has already been decimated. It is estimated that the water-bird population of the Everglades has fallen by 93% in the last forty years.

As a "wetland" region, the whole environment of the Everglades depends on the flows of water into and out of its vast area of natural swampland. Before modern agriculture and drainage schemes began to change the hydrology of the whole of southern Florida, water that fell on the central part of the Florida Peninsula used to flow regularly and naturally into the great Lake Okeechobee, the large lake at the northern end of the Everglades region. From there, it would flow out slowly and regularly in a southerly direction, through the Everglades, and into the Gulf of Mexico.

Since the 1940's, this natural system has been radically modified. Over 1,700 miles of canals have been built, in order to control the risk of flooding, to provide water for Florida's growing population, and drain land for agriculture and building houses. Today a large amount of the water that flows into Lake Okeechobee is rapidly evacuated through man-made canals, out into the Atlantic Ocean.

The quality of the water entering the Everglades has also suffered, as a result of increasing use of phosphate fertilizers in the agricultural region to the north of Lake Okeechobee.

The Everglades restoration programme is attempting to reverse the recent course of events, and undo some of the damage. It calls for the removal of some 240 miles of canals and levees, and the creation of six enormous reservoirs to supply water for Southern Florida's growing cities. In south west Florida, more than 20 miles of Highway 41 will need to be rebuilt. At present, this road cuts right across the southern Everglades west of Miami, on a raised levee, effectively cutting the area in half. The plan calls for twenty miles of this levee to be replaced by bridges, allowing free flow of water from one side to the other.

The Everglades rescue programme was prompted by the publication in 1998 of a 4000 page report, produced by the U.S. Army Corps of Engineers. According to the report, the Central and Southern Florida (C & SF) water supply system was designed to serve 2 million people, but more than 6 million people now live in the area, and the population is expected to reach 12 to 15 million by 2050. This explosive growth has strained the system's ability to perform its intended functions, and the Everglades are seriously threatened.

I. Finding Facts: Read the following sentences and tick the correct answer :

55 According to the writer, Florida is called the "Sunshine state".

False/True/Not given.

56 Water birds are now extinct in the area :

False/True/ Not given.

57 The quality of the water entering the Everglades has suffered due to industrialisation.

False/True/ Not given.

58 The government is not interested in conserving the environment.

False/True/Not given.

59 Lake Okeechobee is the largest lake at the northern end of the Everglades region.

False/True/Not given.

(5 × 1 = 5 marks)

II. Read the sentences given below and choose the best answer.

60 "Since the 1940's, this natural system has been radically modified. "This natural system" refers to :

- (a) The Swamps.
- (b) Water from the central part of the Florida Peninsula that flowed into the great Lake Okeechobee.
- (c) The water birds.
- (d) Not given.

61 This explosive growth has strained the system's ability to perform its intended functions, and the Everglades are seriously threatened. What is the explosive growth referred to ?

- (a) Population.
- (b) Pollution.
- (c) Phosphate.
- (d) Canals.

62 Choose a sentence that indicates a cause effect relationship.

- (a) If the decline is not stopped, the entire ecosystem of southern Florida could be irreparably damaged.
- (b) It is estimated that the water-bird population of the Everglades has fallen by 93% in the last forty years.
- (c) The Congress approved a 30-year 8.2 billion dollar Everglades rescue plan, the largest concerted environmental project the world had ever known.
- (d) Estimated at 10,700 square miles (27,700 km²), the original Everglades area was home to a fantastically rich and diverse range of wildlife.

63 In the first paragraph, the writer emphasises.

- (a) The problems in Florida.
- (b) The need to save the Everglades.
- (c) The lack of interest in saving the environment.
- (d) The population explosion.

(4 × 1 = 4)

III. Re-read the text and guess the meanings of the words in bold from the context. Then choose the right synonym or antonym.

64 The park has suffered dramatically over the last sixty years on account of encroaching agriculture and the vast expansion of Florida's population.

"Encroaching" means

- (a) Creep.
- (b) Trespass.
- (c) Enter.
- (d) Exit.

65 The word wasteland in the passage means :

- (a) A barren area.
- (b) A place where garbage is dumped.
- (c) Land that is built up.
- (d) None of the above.

66 The word 'catastrophe' in the passage is closest in meaning to _____.

- (a) Climax.
- (b) Cause.
- (c) Calamity.
- (d) Punctuation.

67 The word 'decimated' in the last paragraph means :

- (a) Decimal point.
- (b) Destroy.
- (c) Origin.
- (d) Disgusting.

(4 × 1 = 4 marks)

Turn over

IV. Circle the letter of the correct answer :

68 'suffered dramatically' means :

- (a) Pretend to suffer.
- (b) Suffer greatly.
- (c) Suffer a little.

69 The environment of the wetland region in Florida depends :

- (a) The water birds.
- (b) The flow of water.
- (c) The roads.

70 The hydrology of the Everglades changed because of :

- (a) Increase in pollution.
- (b) Presence of phosphate in the atmosphere.
- (c) The digging of canals.

(3 × 1 = 3 marks)

V. Answer the following questions in complete sentences. The answers need not be directly stated in the passage.

71 What are the changes that have come over the Everglades ?

72 What steps has the government taken to protect the environment in Florida ?

(2 × 2 = 4 marks)

Part V (Vocabulary)

I. Match the words in Column A with the words in Column B :

Column A

- 73 Scarce
- 74 Apparent
- 75 Render
- 76 Notion
- 77 Persist

Column B

- (a) Idea.
- (b) Give.
- (c) Insufficient.
- (d) Persevere.
- (e) Clear.

(5 × 1 = 5 marks)

II. Choose the correct phrasal verbs from the box to fill in the blanks below. You have to use the appropriate forms of the phrasal verbs.

break into, came down with, get along with, came across, brought on

78 His illness was _____ by his bad habits.

79 When she was cleaning the cupboard she _____ some old photographs.

80 The firemen had to _____ the room to rescue the cat.

81 My friend _____ chicken pox last week.

82 I find it difficult to _____ with my colleagues.

(5 × 1 = 5 marks)

III. Choose the correct meanings of the idiomatic expressions used in the following sentences.

83 He's been *chasing his tail all week* collecting data but the report is still not ready.

(a) Spend a lot of time doing something.

(b) Did not waste time.

(c) Ran around in circles.

(d) None of the above.

84 He is an expert at *pulling wool over our eyes*.

(a) Cheating us.

(b) Knitting for us.

(c) Helping us.

(d) Looking at us.

85 It is wise to take his word with a grain of salt :

(a) Believe him.

(b) Be skeptical.

(c) His vocabulary is difficult.

(d) None of the above.

(3 × 1 = 3 marks)

Turn over

IV. Choose the correct collocation :

86 Hard time, soft time, easy time.

87 Light criticism, strong criticism, false criticism.

(2 × 1 = 2 marks)

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FIRST SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS—UG)

English

GEC 1EG 01—THE FOUR SKILLS FOR COMMUNICATION

(2014 Admissions)

Time : Three Hours

Maximum : 80 Marks

I. Answer the following bunches of questions :—

1 Which of the following is informal greeting ?

- | | |
|----------|----------------------|
| a) Hi! | b) Goodmorning. |
| c) Hello | d) All of the above. |

2 Identify the missing vowel sound in /l...k/

- | | |
|---------|--------|
| a) /u:/ | b) /ʊ/ |
| c) /o/ | d) /e/ |

3 _____ is a form of visual communication.

- | | |
|------------|------------------|
| a) Graph. | b) Conversation. |
| c) Debate. | d) Lecture. |

4 What is the meaning of the idiom 'hold one's tongue' ?

- | | |
|----------------------|---------------------|
| a) Talk freely. | b) Control oneself. |
| c) Clean the tongue. | d) Remain silent. |

5 Choose the adjective from the following :—

- | | |
|---------------|--------------------|
| a) Beautiful. | b) Amaze. |
| c) Lavishly. | d) Intellectually. |

6 'Have been' is used in :

- | | |
|------------------|---------------------|
| a) Simple past. | b) Simple present. |
| c) Past perfect. | d) Present perfect. |

Turn over

7 'In the corner' is :

- | | |
|--------------|-------------------|
| a) An idiom. | b) A clause. |
| c) A phrase. | d) None of these. |

8 Fill the blank :- It.....a unique accident :

- | | |
|---------|-------------------|
| a) The. | b) A. |
| c) An. | d) None of these. |

9 Listening is :—

- | | |
|---------------------------|-----------------------------|
| a) A casual performance. | b) An active performance. |
| c) A passive performance. | d) Involuntary performance. |

10 Identify the past participle :

- | | |
|------------|-----------|
| a) Learnt. | b) Ran. |
| c) Drank. | d) Swell. |

(10 × 1 = 10 marks)

II. Answer any *ten* questions in a sentence or two :—

- 11 What is a blog ?
- 12 What is body language ?
- 13 What is the significance of headline in a report ?
- 14 What is arbitrariness of language ?
- 15 Transcribe into phonetic script : (i) Smell (ii) Marriage.
- 16 Change the voice : The doctor will consult all the patients.
- 17 Write two uses of note making.
- 18 Define Facebook and Wikipedia ?
- 19 What is RP ?
- 20 Punctuate the following sentence : Life is told by an idiot Shakespeare says.
- 21 What is subject verb agreement ?
- 22 What is a phrase ?

(10 × 2 = 20 marks)

III. Answer any *four* questions in a *paragraph* of 100 words :

- 23 Explain oral communication and written communication.
- 24 Advantages of email.
- 25 Write a paragraph on internet.
- 26 Explain vowels with examples.
- 27 Explain charts and tables.
- 28 Define and write the uses of simple present and simple past tenses.

(4 × 5 = 20 marks)

IV. Answer any *two* questions in 300 words :

- 29 Discuss the status of English as a Global language.
- 30 Write a letter to your friend about the wedding function of your cousin.
- 31 Write your resume for the post of a teacher in a reputed school.
- 32 Write a report on the agricultural fest held in your locality.

(2 × 15 = 30 marks)

CHMK LIBRARY UNIVERSITY OF CALICUT

FIRST SEMESTER M.T.T.M. DEGREE EXAMINATION, DECEMBER 2019

(CUCSS)

M.T.T.M.

MT C01—FUNDAMENTALS OF TOURISM

(2011 Admissions)

Time : Three Hours

Maximum : 36 Weightage

Section A

Answer all questions.

Each question carries 1 weightage.

1. Differentiate between tourist and excursionist.
2. Which are the pull factors of tourism ?
3. Define Cultural Tourism.
4. What is a biosphere reserve ?
5. Name any *four* Wildlife Sanctuaries of India.
6. What do you understand by sociology-cultural resources ?
7. What is ethnicity ?
8. Name any *four* Commercial Tourism Attractions.
9. Write note on the types of deserts in India.
10. What is a scheduled airline ?
11. What is experiential tourism ?
12. Expand IATA and UNWTO.
13. Write two Heritage Tourist Circuits of India.
14. What are the uniqueness of Havelis ?

(14 × 1 = 14 weightage)

Turn over

Section B

*Answer any seven questions.
Each question carries 2 weightage.*

15. Discuss the characteristics of tourism products and services.
16. Evaluate the features of Indo -Islamic architecture.
17. Examine the major challenges faced by the natural tourism destinations of India.
18. Describe the emerging trends in the sustainable accommodations in India.
19. Discuss the typology of tourism with relevant cases.
20. Explain in detail the tourism system model of Leiper.
21. Elucidate on the emerging trends in the major components of tourism.
22. Highlight the role of Indian railways in promoting tourism in India.
23. Write note on the major attractions of (a) Adventure tourism ; and (b) Rural Tourism.
24. Give a brief account of backwater tourism of Kerala.

(7 × 2 = 14 weightage)

Section C

*Answer any two questions.
Each question carries 4 weightage.*

25. Evaluate the scope of wellness tourism in Kerala by citing the attractions and destinations.
26. Explain the sustainable accommodations and the trends.
27. Give an overview of various new transportation businesses models.
28. Explain the role and functions of UNWTO in promoting sustainable tourism.

(2 × 4 = 8 weightage)

FIRST SEMESTER M.T.H.M. DEGREE EXAMINATION, DECEMBER 2019

(CUCSS)

M.T.H.M.

MTHM 1C1—TOURISM AND HOSPITALITY ORGANIZATIONS

Time : Three Hours

Maximum : 36 Weightage

I. Answer all *six* questions :

- 1 Define Hotel.
- 2 What is a Suburban Hotel ?
- 3 What is Alternative Tourism ?
- 4 Define Form based Tourism ?
- 5 Define VISA.
- 6 Define Tour operator.

(6 × 1 = 6 weightage)

II. Short Answer Type Questions. Answer any *six* questions :

- 7 Discuss the importance of Travel Industry.
- 8 Write short notes on Fast Food Industry.
- 9 Draw the organization of House keeping department and its functions.
- 10 What is Urban Tourism ? Explain.
- 11 Explain special events which promote tourism.
- 12 Explain the role of a Travel Agency.
- 13 What is Ecotourism ? Explain its importance.
- 14 Explain the negative impacts of Mass Tourism.

(6 × 3 = 18 weightage)

III. Essay questions. Answer *two* questions from three :

- 15 Explain the different types of Tourism.
- 16 Explain in brief about Travel Marketing Mix.
- 17 Explain different types of Accommodation.

(2 × 6 = 12 weightage)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, NOVEMBER 2017**Tourism and Hospitality Management****SDC 1HM 20—HOSPITALITY MANAGEMENT AND PUBLIC RELATIONS**

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions.**Each question carries 1 mark.*

1. Name any *two* heritage hotels in Kerala.
2. Which type of hotel is situated on the surface of water ?
3. Name the public sector hotel chain in India.
4. Name the highest hotel in the world.
5. Which department is responsible for the cleanliness of the hotel ?
6. Which type of hotel provides services to transit travellers ?
7. Expand FHRAI.
8. Expand PR.
9. When 'Incredible India Campaign' was launched ?
10. What is FAM trip ?

(10 × 1 = 10 marks)

Section B*Answer any **eight** questions.**Each question carries 2 marks.*

11. Define Hotel.
12. What do you mean by caravan ?
13. What is Cabana ?
14. What is CRS ? Write note on it.
15. What is Capsule hotel ?
16. What do you mean by bed and breakfast establishments ?

Turn over

17. What is a brochure ?
18. What is a Suite room ?
19. What is Crib Rate ?
20. What is Public Opinion ?
21. Define international hotel.
22. Expand DND. Write notes on it.

(8 × 2 = 16 marks)

Section C

Answer any six questions.

Each question carries 4 marks.

23. Write short notes on the history of hospitality industry in India.
24. Differentiate between commercial hotel and resort hotel.
25. Write notes on :
 - (a) Eco-lodging.
 - (b) Houseboats of Kerala.
26. Write down the role of KTDC in Hospitality industry in Kerala.
27. Write about any 4 major types of rooms.
28. Write a note on the classification of hotels according to the facility they offer.
29. What are the major responsibilities of front office manager ?
30. Write down the need for good public relations.
31. Write short note on public relations.

(6 × 4 = 24 marks)

Section D

Answer any two questions.

Each question carries 15 marks.

32. Explain the various types of accommodation.
33. Elucidate the history of hospitality industry.
34. Write an essay on front office department.
35. What are the tools used for effective public relations ? Explain.

(2 × 15 = 30 marks)

FIRST SEMESTER B.Voc. DEGREE EXAMINATION, NOVEMBER 2017

Tourism and Hospitality Management

SDC 1PT 19—PRINCIPLES AND PRACTICES OF TOURISM-I

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions.**Each question carries 1 mark.*

1. Who organised the first conducted tour ?
2. Expand GIT.
3. Name the first planned eco-tourism destination in India.
4. What was the slogan of World Tourism Day 2015 ?
5. Name the only drive-in beach in Kerala.
6. Name the three 'S' of tourism.
7. Name any two mountain railways in India.
8. What is 'CIAL' ?
9. In which year UNWTO was found ?
10. Who is the present tourism minister of Kerala ?

(10 × 1 = 10 marks)

Section B*Answer any eight questions.**Each question carries 2 marks.*

11. Define Tourist.
12. What are the basic components of tourism ?
13. What is Out-Bound tourism ?
14. What is Ecotourism ?
15. What is pro-poor tourism ?
16. Who is a transit traveller ?
17. What are house boats ?

Turn over

18. What is the Golden Triangle of India ?
19. What is passport ?
20. Write any two objectives of IATA.
21. What do you mean by 'Bharath Darshan' ?
22. What do you mean by amenities ?

(8 × 2 = 16 marks)

Section C

*Answer any six questions.
Each question carries 4 marks.*

23. 'Tourism is also known as a smokeless industry'. Why ?
24. Write notes on the barriers of tourism.
24. 'Tourism is a service product'. Explain.
25. What is alternative tourism ? Explain it with suitable examples.
26. What do you understand by tourism destination life cycle ?
27. What is the role of airlines in the promotion of tourism ?
28. Write short notes on Kerala's backwaters.
29. What is VISA ? Explain the various types of visa.
30. Write notes on the role of KTDC in promotion of tourism.
31. How do you categorise different types of tourists ?

(6 × 4 = 24 marks)

Section D

*Answer any two questions.
Each question carries 15 marks.*

32. Explain the growth and development of tourism in India.
33. Discuss the 5 'A' s of tourism.
34. Discuss the positive and negative economic impacts of tourism
35. Explain the various types of travel documents required for international travel.

(2 × 15 = 30 marks)

FIRST SEMESTER B.VOC. DEGREE EXAMINATION, NOVEMBER 2017

Tourism and Hospitality Management

GEC 1PM 03—PRINCIPLES OF MANAGEMENT

Time : Three Hours

Maximum : 80 Marks

Section A*Answer all questions.**Each question carries 1 mark.*

1. Who is considered as the father of modern management ?
2. Which principle of Henry Fayol is based on 'Union is Strength' ?
3. There are _____ levels of management.
4. Expand MBE.
5. Which type of organisation arises with personal relationship and social interaction of people?
6. In which type of organisation, authority flows from top level to lower level management?
7. Name any *two* external sources of recruitment.
8. Expand HRD.
9. _____ is the process which is critically evaluating the operations, duties and responsibilities of the job.
10. Who introduced path goal approach ?

(10 × 1 = 10 marks)

Section B*Answer any eight questions.**Each question carries 2 marks.*

11. Define Management.
12. What is Espirit de corps ?
13. Differentiate between management and administration.
14. What do you mean by budgeting ?
15. What is recruitment process ?

Turn over

16. What do you mean by performance appraisal ?
17. What do you mean by delegation of authority?
18. Define organisation structure.
19. What do you mean by induction ?
20. What do you mean by 'on the job training'?
21. What is job analysis?
22. What do you mean by job specification ?

(8 × 2 = 16 marks)

Section C

*Answer any six questions.
Each question carries 4 marks.*

23. What is the concept of management ?
24. What are the major objectives of management ?
25. What are the major features of planning ?
26. What do you mean by business objectives ?
27. Distinguish between delegation and decentralisation.
28. What are the steps involved in organising ?
29. What do you mean by manpower planning ? What are its various objectives ?
30. Write short notes on the need and importance of staffing.
31. What are the styles of leadership ?

(6 × 4 = 24 marks)

Section D

*Answer any two questions.
Each question carries 15 marks.*

32. Draw the chart and explain the various levels of management.
33. What is MBO ? What are its merits and major steps involved in MBO ?
34. What are the merits and demerits of line and staff organisation ?
35. What is controlling ? Explain its process and objectives.

(2 × 15 = 30 marks)