D 93914

Name...................................

Reg. No.............................

FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION NOVEMBER 2020

Costume and Fashion Designing

CFD 1C 01—BASICS OF FASHION AND DESIGN

(2019 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A

Answer at least **eight** *questions.*
Each question carries 3 marks.
All questions can be attended.
Overall Ceiling 24.

1. List the body shapes.

2. What is optical illusion ?

3. What are colour dimensions ?

4. Define the term 'harmony'.

5. What is advertising ?

6. Define the term 'boutique'.

7. What is 'Pre-a-porter' ?

8. What are the features of Punk style ?

9. What is fashion retailing ?

10. Who are flappers ?

11. Explain the terms Style and Trend.

12. What is 'classic' ? Give example.

(8 × 3 = 24 marks)

Turn over

Section B

Answer at least **five** *questions.*
Each question carries 5 marks.
All questions can be attended.
Overall Ceiling 25.

13. Write about Gothic fashion.

14. Explain any two colour schemes and its application.

15. Write a note on fashion forecasting.

16. Explain the terms : (i) CIM ; (ii) Off the rack ; and (iii) Haute couture.

17. Explain Trickle across theory.

18. Explain the types of silhouette with suitable sketches.

19. Write a note on colour dimensions.

$(5 \times 5 = 25 \text{ marks})$

Section C

Answer any **one** *question.*
The question carries 11 marks.

20. Explain the elements and principles of design.

21. Explain the colour psychology with suitable examples.

$(1 \times 11 = 11 \text{ marks})$

FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION NOVEMBER 2020

Costume and Fashion Designing

CFD 1B 01—TEXTILE MANUFACTURE

(2019 Admissions)

Time : Two Hours   Maximum : 60 Marks

Section A (Short Answer Type)

Answer at least **eight** *questions.*
Each question carries 3 marks.
All questions can be attended.
Overall Ceiling 24.

1. Define 'Fibre'.

2. Mention the difference between spun yarn and filament yarn.

3. Explain the term 'throwing'.

4. What is a Fabric ?

5. What is Spinning ?

6. What is balance in terms of textiles ?

7. What is a Count ?

8. Explain the terms 'wales' and 'course'.

9. What is indirect system ?

10. What is double cloth ?

11. Mention the types of sewing thread.

12. List the types of knitting machine.

(8 × 3 = 24 marks)

Turn over

Section B (Paragraph Type)

Answer at least **five** *questions.*
Each question carries 5 marks.
All questions can be attended.
Overall Ceiling 25.

13. What are the characteristics of woven fabric ?

14. Explain the manufacturing process of Nylon fibre.

15. Write a note on rotor spinning method.

16. Explain the difference between direct and indirect system.

17. Explain the secondary properties of any *two* natural fibres.

18. Write about the difference between woven and knitted technique.

19. Write a note on texturisation of yarn.

$(5 \times 5 = 25 \text{ marks})$

Section C (Essay Type)

Answer any **one** *question.*
The question carries 11 marks.

20. Explain any *three* basic weaves with its applications.

21. Explain in detail the types of sewing threads.

$(1 \times 11 = 11 \text{ marks})$

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Name..

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FIRST SEMESTER B.A./B.Sc. DEGREE EXAMINATION NOVEMBER 2020

(CUCBCSS)

Costume and Fashion Designing

CFD 1C 02—BASICS OF FASHION

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer **all** the following questions.*

1. Give a short note on head theory.

2. Define fashion figure.

3. Give the importance of boutique.

4. What is meant by couture fashion ?

5. Define Fit.

6. State about grain lines.

7. Highlight about the role of sizing.

8. What is meant by defects ?

9. Give a short note on mannequin.

10. What is Draping ?

(10 × 1 = 10 marks)

Part B

*Answer any **five** of the following.*

11. Highlight about the role of stylised figure.

12. Name any *two* types of Indian fashion designers.

13. Write about the trickle up theory.

14. State about role of balance in fashion designing.

15. How to improve ease in garments ?

Turn over

16. Give a short note on pattern grading.

17. Enlist the benefits of dress form with examples.

(5 × 2 = 10 marks)

Part C

Answer any **six** *of the following.*

18. Explain about the 8-head theory with diagram.

19. Differentiate between Normal figure and fashion figure.

20. Describe about the factors involved in new style creation.

21. Write about the importance of fashion forecasting with suitable examples.

22. Infer about the different types of figures with Illustration.

23. Discuss about the different types of defects in garments.

24. Quote any *three* famous designers garments with example.

25. Give a brief note on dress form and its types.

(6 × 5 = 30 marks)

Part D

Answer any **two** *of the following.*

26. Highlight in detail about the 10-head theory adopted in fashion industry with illustration.

27. Narrate about the Trickle down theory and its importance for individual persons.

28. Discuss about the different elements of fit in the fashion garments.

29. Discuss briefly about the different methods of creating block pattern to be followed in fashion.

(2 × 15 = 30 marks)

FIRST SEMESTER B.A./B.Sc. DEGREE EXAMINATION NOVEMBER 2020

(CUCBCSS)

Costume and Fashion Designing

CFD 1C 01—FASHION DESIGN AND STRUCTURE

Time : Three Hours   Maximum : 80 Marks

Part A

Answer the following.

1. Name the machine that is most suited for producing warp rib fabric.

2. Give any *two* basic characteristics of Satin Weave.

3. Infer the picking principle, the Twill faced Bedford cord are constructed.

4. Tell the mechanism that is used in Terry looms.

5. Interpret sectional warping is considered more practical than beam warping.

6. Tell the position, if shuttle remains on the race board during its flight in the shed.

7. Give the primary colours according to the light theory.

8. Interpret the name of the weave, if the plain weave has been extended in both warp and weft direction.

9. Tell which fabric has this characteristic, 'withdrawal of the extra threads from the cloth leaves a complete ground structure'.

10. Infer the type of draft obtained for Ordinary Honeycombs Weaves.

(10 × 1 = 10 marks)

Part B

Answer any **five** *of the following.*

11. Infer the importance of design, draft and peg plan of woven fabric structures.

12. Give the other names of plain weave.

13. List out the various parameters to be considered in designing a Colour and Weave effect.

Turn over

14. List the uniqueness of bed ford cord structure.

15. Differentiate Ordinary and Brighton Honey Comb Weaves.

16. Write down the types of velveteens.

17. Give the concepts of producing self stitched double cloths.

(5 × 2 = 10 marks)

Part C

Answer any **six** *of the following.*

18. Write down the types of draft plans.

19. Give the various types of terry pile designs.

20. Brief down the characteristics of Brighton Honey Comb Weaves.

21. Differentiate the key points comparing warp backed and weft backed fabrics.

22. Summarize on the two theories of colour mixing.

23. Pen down the types of velveteen fabrics with necessary sketches.

24. Give the classification chart of looms used in fabric production and brief the looms characteristics in detail.

25. Discuss in detail about the important parts of a loom.

(6 × 5 = 30 marks)

Part D

Answer any **two** *of the following.*

26. Explain in detail any four simple weaves for producing pronounced colour and weave effects.

27. Pen down the design, draft and peg plan for a Brighton Honey Comb Weave on a Repeat Size of 16 × 20.

28. Give the design, draft and peg plan for an extra weft figured double cloth having the following particulars :

    Ratio of figured to ground warp – 2 : 2

    Ground weave – Plain weave

    Repeat size of motif – 8 × 8

    Assume that two colours are used in figured warp.

29. Pen down the design, draft, peg plan and fabric cut cross-sections for the plain back velveteen whose pile weave is a 1/3 twill and the ground weave is a simple plain weave. The ratio of the ground to pile picks is 1 : 4.

(2 × 15 = 30 marks)

FIRST SEMESTER B.A./B.Sc. DEGREE EXAMINATION NOVEMBER 2020

(CUCBCSS)

Costume and Fashion Designing

CFD 1B 01—TEXTILE MANUFACTURE

Time : Three Hours　　　　　　　　　　　　　　　　　　　Maximum : 80 Marks

Part A

Answer the following.

1. Give the glass transition temperature (T_g) of Polyethylene fibres.

2. The range of spinning speed (m/min.) that is used in the manufacture of partially oriented polyester yarn.

3. Calculate the winding speed if traveller speed is 18000 rpm, front roller delivery is 18 m/min and the ring bobbin circumference is 30mm.

4. Tell the ratio of fan speed to beater speed on scutcher machine for synthetic fibres when compared to conventional cotton fibres.

5. Tell the range of capillaries diameter in 'μ m' used for filament manufacturing.

6. Sequence the melting point of fibres Polypropylene, Polyester, Nylon 6 and Nylon 6, 6 in decreasing order.

7. Name the manufacturing processes used in the production of sewing threads.

8. Name the fibres which are regenerated protein fibres.

9. Tell the material properties naturally obtained for Manufactured fibres.

10. Name the most significant modified Air-Jet Texturizing method.

(10 × 1 = 10 marks)

Part B

*Answer any **five** of the following.*

11. Write about the elasticity properties of wool fibre.

12. What are the limitations of ring-spinning machine ?

13. List the functions of extruder in melt spinning process.

Turn over

14. Compare the crimp appearance of the yarn obtained from Stuffer - Box and Gear Crimping methods.

15. Mention all the principles of rotor spinning machines.

16. The resultant count of a 2 - fold yarn is 37 Tex, if doubling had caused 10% contraction; calculate the count (Tex) of the single yarn.

17. Define Tightness factor in knitted fabrics.

(5 × 2 = 10 marks)

Part C

Answer any **six** *of the following.*

18. Compare Melt, Dry and Wet Manmade Spinning systems.

19. Give the flow process diagram of material processing on the different short staple fibre spinning systems.

20. Detail on the sewing threads and their numbering systems.

21. List out the various Texturizing methods used for filament yarns and write short notes of any two of them.

22. Write short notes on ring rail in the winding process.

23. Give the different conversion factors used in yarn numbering system.

24. Brief a note on Interlock machine and infer for which type of knitted fabric, it is used.

25. Compare the key characteristics of warp and weft knitting fabrics.

(6 × 5 = 30 marks)

Part D

Answer any **two** *of the following.*

26. Discuss about the working principle and application of air-jet texturizing machine with neat sketch.

27. Discuss the manufacturing of Cellulose Acetate Rayon.

28. Summarize the properties and applications of Cotton, Silk, Polyester, Acrylic fibres.

29. Explain briefly with neat sketch the working of Air Jet Spinning System.

(2 × 15 = 30 marks)