

**FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION  
NOVEMBER 2021**

Costume and Fashion Designing

CFD 1C 01—BASICS OF FASHION AND DESIGN

(2019—2020 Admissions)

Time : Two Hours

Maximum : 60 Marks

**Section A***Short Answer Type Carries 2 marks each.**12 questions - Ceiling 20.*

1. What is Emphasis ?
2. Define the term 'Chroma'.
3. What are seasonal colours ?
4. What is Fashion ?
5. Define Texture.
6. What are fashion accessories ?
7. Consumer means.
8. Mention the qualities of a designer.
9. List the stages of fashion cycle.
10. What is Hippie style ?
11. Define Grading.
12. What is a Design ?

**Section B***Paragraph Type Carries 5 marks each**7 questions - Ceiling 30.*

13. Draw 8 head figure and explain.
14. Write the difference between Trickle up and Trickle down theory.

**Turn over**

15. Explain the features of Victorian fashion.
16. Write a note on Fashion cycle.
17. What is role of CAD in fashion design ?
18. Explain briefly about flappers.
19. Write a note on Charles Fredrick worth.

### Section C

*Essay Type Carries 10 marks each.*

*Answer any **one** question.*

20. Explain the changes in 20th century fashion.
21. Define the following terms i) Bespoke ; ii) Hip Hop fashion ; iii) Alta mode ; iv) Label ; and v) Style

(1 × 10 = 10 marks)

**FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION  
NOVEMBER 2021**

Costume and Fashion Designing  
CFD 1B 01—TEXTILE MANUFACTURE  
(2019—2020 Admissions)

Time : Two Hours

Maximum : 60 Marks

**Part A (Short Answers)**

*Answer all the questions.  
Each question carries 2 marks.  
Ceiling 20.*

1. Define Natural fiber.
2. What is called queen of fiber ?
3. How viscose fiber is made ?
4. How yarn is made into fabric ?
5. Define Spinning.
6. Write a short note on carding.
7. What is ring spinning frame ?
8. What is Texturization of yarn ?
9. How is yarn count measured ?
10. Define non-woven.
11. What are the examples of warp knitting ?
12. Give a short note on end uses of rayon fabric.

**Part B (Paragraph Answers)**

*Answer all the questions.*

*Each question carries 5 marks.*

*Ceiling 30.*

13. Explain about the classification of vegetable fiber.
14. Give a note on manufacturing process of nylon fiber.
15. Explain the function of draw frame.
16. What are the properties of sewing thread ?
17. What is the main advantage of blending fibers ?
18. Explain the properties of woven fabric.
19. Write about bonded non-woven and its types.

**Part C (Essay Questions)**

*Answer any **one** question.*

*Each question carries 10 marks.*

20. Describe in detail on manufacturing process of wool fiber.
21. Brief note on waterjet spinning machine.

(1 × 10 = 10 marks)

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CFD1C01—BASICS OF FASHION AND DESIGN  
(2021 Admissions)

Time : Two Hours

Maximum : 60 Marks

**Section A**

*Answer atleast **eight** questions.*

*Each question carries 3 marks.*

*All questions can be attended.*

*Overall ceiling 24.*

1. Define unity.
2. What is meant by radial ?
3. What do horizontal lines do to the body ?
4. Which lines make you look slimmer ?
5. Define chroma.
6. What is mean by intensity of Colour ?
7. What are the Colors for spring 2022 ?
8. Define seasonal colors.
9. What is bespoke in fashion ?
10. Define CAD.
11. Give a note on trickle across theory.
12. What is meant by hip hop fashion ?

(8 × 3 = 24 marks)

**Turn over**

**Section B**

*Answer atleast five questions.  
Each question carries 5 marks.  
All questions can be attended.  
Overall ceiling 25.*

13. Explain balance and its types.
14. What is the importance of optical illusion created by variation combination of lines ?
15. Write a note on Munsell color system.
16. Give a note on color harmony.
17. Explain the role of advertising in fashion industry.
18. Explain the importance of CIM.
19. What are the century changes in 20<sup>th</sup> century in fashion ?

(5 × 5 = 25 marks)

**Section C**

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

20. Describe in detail on types of lines.
21. Discuss about adoption theory of fashion.

(1 × 11 = 11 marks)

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Time : Two Hours

Maximum : 60 Marks

**Section A**

*Answer atleast **eight** questions.*

*Each question carries 3 marks.*

*All questions can be attended.*

*Overall ceiling 24.*

1. Define man-made fiber.
2. What is called king of fiber ?
3. What is meant by natural polymer ?
4. Define Cellulosic fiber.
5. What is meant by wet spinning ?
6. Give a short note on objectives of yarn manufacturing process.
7. Define sewing threads.
8. What are the end uses of cotton fabric ?
9. What are the properties of texturization ?
10. What is indirect count system ?
11. Define Knitting.
12. What is meant by spun melt ?

(8 × 3 = 24 marks)

**Turn over**

**Section B**

*Answer atleast five questions.*

*Each question carries 5 marks.*

*All questions can be attended.*

*Overall ceiling 25.*

13. Explain about the classification of man-made fiber.
14. Give a note on manufacturing process of silk fiber.
15. Explain the working principle of rotor spinning.
16. What are the working principles of combing process ?
17. Write about vortex and self-twist spinning.
18. What are four methods to Texturize yarns ?
19. Write about important features of weft knitting.

(5 × 5 = 25 marks)

**Section C**

*Answer any one question.*

*Each question carries 11 marks.*

20. Difference between weaving and knitting.
21. Describe in detail on manufacturing process of cotton fiber.

(1 × 11 = 11 marks)



**FIRST SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION  
NOVEMBER 2021**

Costume and Fashion Designing

CFD 1C 01—FABRIC DESIGN AND STRUCTURE

(2016—2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer the following.*

*Each question carries 1 mark.*

1. Name the colour effects that produce solid vertical or horizontal lines with 2 or more colours.
2. Tell the type of piles, the corduroy fabric follows.
3. Interpret in which of the following, the Cord effect is formed in vertical direction.
4. Name the fabric produced by Self twilling Jacquard loom.
5. Tell the ultimate/unique benefit of an automatic loom.
6. Which type of fabric manufacturing, the ball warping is used ?
7. Infer the loom/Principle used in the construction of Twill faced Bedford cord.
8. Give the requirement of draft plan for the weaving process.
9. Infer the number of warp beams required for Extra warp figured structures.
10. Name the weaves where the repeat sizes are sometimes even or uneven.

(10 × 1 = 10 marks)

**Part B**

*Answer any five of the following.*

*Each question carries 2 marks.*

11. Mention the various types of drafts used in fabric structures and design.
12. Pen down the loom equipments necessary for manufacturing Huck-a-back weaves.
13. Give the correct sequence of operation in the manufacture of a velvet fabric.

**Turn over**

14. Tell about the pigment theory.
15. Define warp rib, weft rib and matt rib.
16. Differentiate warp and weft pile fabrics.
17. Summarize on the end uses of double cloths.

(5 × 2 = 10 marks)

### Part C

*Answer any six of the following.*

*Each question carries 5 marks.*

18. Brief down the characteristics of Crepe Weaves.
19. Give the types of bed ford cords and summarize the construction particulars used in Worsted dress and London cord fabrics.
20. Differentiate the key points comparing extra warp and extra weft figured fabrics.
21. Summarize the types of pile fabrics.
22. Pen down the classification of colour and weave effects.
23. Discuss the loom requirements necessary for manufacturing terry weave fabric.
24. Brief down the characteristics of Satin/Sateen Weaves.
25. Give the characteristics of Huck a Back weave structures and write about its loom equipment necessary for manufacturing it.

(6 × 5 = 30 marks)

### Part D

*Answer any two of the following.*

*Each question carries 15 marks.*

26. Pen down the design, draft, peg plan and cross section for a wadded twill faced bed ford cord. The ratio of face to cutting ends and wadding is 12 : 4 : 2.
27. Discuss in detail the plain weave and its derivatives with required sketches and summarize the end uses of each type of plain weaves.
28. Give the design, draft and peg plan for a warp backed fabric considering that the face weave is a 3/1 twill and the back weave is a 1/3 twill. Assume that the ratio of the face to back threads is 1 : 1.
29. Pen down the design, draft, peg plan and fabric cut cross sections for the twill back velveteen which has pile weave of 1/2 twill and the ground weave is a 2/1 twill. The ratio of the ground to pile picks is 1 : 3.

(2 × 15 = 30 marks)

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Costume and Fashion Designing

CFD 1B 01—TEXTILE MANUFACTURE

(2016—2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

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

1. Give the trend for Degree of Polymerisation of the following fibres from higher order to lower order, 1 - Cotton 2 - Viscose rayon 3- Polynosic rayon.
2. Name the chemical that is used to convert soda cellulose to Sodium Cellulose Xanthate in the manufacture of viscose rayon.
3. Tell the trend/pattern of strength of the yarn, when twist is increased in spun yarn.
4. Infer the density level of wire points in a card cylinder used for longer and finer fibres.
5. Name the cross section view of Raw Cotton fibre.
6. Name the yarn that is formed when two or more threads are first doubled and then several of these doubled yarns are again doubled.
7. Give the simple difference in terms of structural alignment between Polynosic and Viscose Rayons.
8. Give the value of Torque that is developed in the Knit-De-Knit Textured yarn.
9. Name the polyamide fibre type produced by condensation polymerization.
10. Name the cross-sectional shape of the PAN fibre.

(10 × 1 = 10 marks)

**Part B**

*Answer any five of the following.  
Each question carries 2 marks.*

11. Infer the various cotton fibre identification steps through solubility method.
12. Compare the properties of standard viscose rayon and HWM rayon.
13. Write about sliver feed mechanisms in rotor spinning ?
14. Define fibre polymers orientation.

**Turn over**

15. List out the nozzles used in air jet texturizing.
16. Define Double Jersey fabric.
17. The U % of single yarn is 17.3 %. The expected CV % of a 3-ply yarn made from these single yarns would be 10.

(5 × 2 = 10 marks)

### Part C

*Answer any six of the following.*

*Each question carries 5 marks.*

18. Elaborate on the physical properties and applications of Cotton fibre.
19. Write down the characteristics of Spun Yarns.
20. Write short notes on wet spinning system.
21. Compare crystalline and Amorphous region orientation in textile polymers.
22. Compare the characteristics of spun, filament and textured Yarns and also discuss the need for bulking of synthetic filaments.
23. Write short notes on yarn numbering systems.
24. Brief a note on rib machine and infer for which type of knitted fabric, it is used.
25. Compare the various Texturizing process in terms of their composition, properties and structure.

(6 × 5 = 30 marks)

### Part D

*Answer any two of the following.*

*Each question carries 15 marks.*

26. Classify the Weft Knitting Machines and explain in detail the Single Jersey Latch Needle machine with suitable sketches.
27. Explain false twist texturizing with a special focus on heating systems, thread line tension and post treatments.
28. Draw and explain the manufacturing process of viscose rayon.
29. Explain briefly the key features, machine line sequence, twist insertion principle and merits, demerits of conventional ring spinning systems with necessary sketches.

(2 × 15 = 30 marks)