

S.No. 3022

12 UCDA 01

(For the candidates admitted from 2012-2013 onwards)

B.Sc. DEGREE EXAMINATION,  
NOVEMBER/DECEMBER 2014.

First Semester

Costume Design and Fashion

Allied – FIBRE TO FABRIC

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define fibre.
2. What do you mean by Resilience?
3. Name two manmade fibrets.
4. List two new fibres.
5. Mention the objectives of Ginning.
6. List the objectives of Blow room.
7. What is carding?

8. Define spinning.
9. Name four parts of a shuttle loom.
10. Define Knitting.

SECTION B — ( $5 \times 5 = 25$  marks)

Answer ALL the questions.

11. (a) Give an account on the manufacturing of silk.
- Or
- (b) Describe the physical properties of cotton.
12. (a) Write a short note on spandex fibre.

Or

- (b) Describe the chemical properties of viscose Rayan.
13. (a) Write a note on types of Ginning.

Or

- (b) Explain the working of blow room process.
14. (a) Explain the working of draw frame.

Or

- (b) Explain the working principle of simplex.

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15. (a) Explain the four basic operations in weaving.
- Or
- (b) Write a note on sewing thread.

SECTION C — ( $3 \times 10 = 30$  marks)

Answer any THREE questions.

16. Give an account on the desirable properties of a textile fiber.
17. Explain in detail the manufacturing of polyester.
18. Explain the working of knife roller gin with neat illustration.
19. Explain the working principle of carding machine.
20. What are novelty yarns? Explain with examples.

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