

S.No. 2089

12UTF02

(For the candidates admitted from 2012–2013 onwards)

B.Sc. DEGREE EXAMINATION, NOVEMBER 2017.

Second Semester

Textile and Fashion designing

FABRIC SCIENCE

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions

All questions carry equal marks.

1. What is weaving?
2. Define loom.
3. What do you mean Picking?
4. List the functions of harnesses.
5. Write about point draft.
6. Enumerate the types of twill weave.
7. What are shuttleless looms.?

8. Write about pile fabric.

9. Define Warp Knitting.

10. What do you mean face stitch?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

All questions carry equal marks.

11. (a) Explain the importance of sizing in weaving preparations.

Or

(b) Write a note on pirn winding.

12. (a) What are secondary motions in weaving? Explain.

Or

(b) Give a note on weft stop motion.

13. (a) What is draft plan? Explain.

Or

(b) Write note on mock leno and Honey comb weaves.

14. (a) Write about double cloth.

Or

(b) Explain air jet weaving.

15. (a) Give a note on purl knit.

Or

(b) Classify weft knitting. Explain in detail.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE out of Five.

All questions carry equal marks.

16. In detail explain the steps in weaving preparation.

17. Explain the steps in weaving process.

18. Write about plain weave and twill weave.

19. Elaborate on shuttleless weaving.

20. Give a detail note on knitting.

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