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Register Number:

Name of the Candidate:

5478

B.Sc. DEGREE EXAMINATION, 2013

(TEXTILE DESIGN)

(FIRST YEAR)

(PART – III)

110 / 540 : FABRIC STUDY
(Old Regulations)

December]

[Time : 3 Hours

Maximum : 60 Marks

SECTION – A

Answer ALL questions

(5 × 2 = 10)

1. Define : Yarn.
2. What are the various properties of yarn to be measures?
3. Define : Weaving process.
4. What are the various types of fabrics produced from solutions?
5. What are the basic weaves used to produce fabrics?

SECTION – B

Answer any FOUR questions

(4 × 5 = 20)

6. What is meant by wool system & cotton system?
7. What is a textured yarn? Mention the different types of texturisation processes.
8. Describe the concept of fibre blends.
9. Write shortly about the principle of rotor spinning.
10. Describe in detail about the various types of grains.
11. What are the characteristics of plain and twill weave?
12. What are the various principles of double cloth construction?
13. Compare weaving with knitting.

SECTION – C

(3 × 10 = 30)

Answer any THREE questions

14. Explain in detail about the airjet spinning process with neat sketch.
15. Explain in detail about the different types of simple yarns and complex yarns with neat sketch.
16. With neat sketch, explain in detail about the different types of selvages produced in the weaving process.
17. Draw the design of 3/1 twill weave, basket weave and 5 end regular satin weave.
18. Explain briefly about the different types of felt fabrics produced from yarns.

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