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Register Number:

Name of the Candidate:

5480

B.Sc. DEGREE EXAMINATION, 2013

(TEXTILE DESIGN)

(SECOND YEAR)

(PART – III)

203 / 620 : WEAVING MECHANISM

(Old Regulations)

(Common with Double Degree)

December]

[Time : 3 Hours

Maximum : 60 Marks

SECTION – A

Answer ALL questions

(5 × 2 = 10)

1. Mention any 4 objectives of slashing process.
2. What are the auxiliary mechanisms in the loom?
3. List the various weft insertion principles of shuttleless weaving.
4. What is meant by fused selvedge?
5. List the derivatives of plain weave.

SECTION – B

Answer any FOUR questions

(4 × 5 = 20)

6. Describe the objectives of primary and secondary mechanisms in a loom.
7. Give the detailed classification of looms.
8. Explain briefly about any 2 type of selvedges.
9. Draw the design of 8 end irregular satin and 5 end regular satin.
10. Write short notes about the 2 types of direct thread count systems.
11. With neat sketch, describe the tip transfer technique used in the Rapier weaving.

SECTION – C

Answer any THREE questions

(3 × 10 = 30)

12. With neat sketch, explain the passage of warp sheet in a slasher sizing machine.
13. With neat sketch, explain the construction and working of a negative tappet shedding mechanism.
14. Explain in detail about the various stages of weft insertion in airjet weaving.
15. Explain the various twill weave derivatives & give the design.
16. With the aid of neat sketch, explain the construction and working of cone over pick mechanism.

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