

Total No. of Pages: 2

Register Number:

Name of the Candidate:

5479

**B.Sc. DEGREE EXAMINATION, 2013**

**(TEXTILE DESIGN)**

**(FIRST YEAR)**

**(PART – III)**

**112 : DYEING AND PRINTING**

*(Common with Double Degree)*

December]

[Time : 3 Hours

**Maximum : 60 Marks**

**SECTION – A**

**(10 × 1 = 10)**

**Answer ALL questions**

1. Red color is a \_\_\_\_\_ color.
2. Polyester material can be dyed with \_\_\_\_\_ dye.
3. The yard produced from dyed fibres is called as \_\_\_\_\_ yarn.
4. The dyeing machine used to dye fabric is \_\_\_\_\_.
5. In resist printing, the fabric is first printed with \_\_\_\_\_.
6. In screen printing, the screens are produced by the \_\_\_\_\_ fabrics.
7. Flock printing is done by using \_\_\_\_\_.
8. In heat transfer printing, \_\_\_\_\_ parameter is applied on the stickers mainly for printing.
9. The device used for colour matching is \_\_\_\_\_.
10. Streaks is a defect in \_\_\_\_\_ process.

**SECTION – B**

**(4 × 5 = 20)**

**Answer any FOUR questions**

**Write short notes on :**

11. Classification of dyes.
12. Fibre dyeing – short notes.
13. Padding mangle dyeing.
14. Discharge & resist printing.
15. Heat transfer printing.

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16. Printing defects
17. Block printing
18. Chromospheres & auxochromes

**SECTION – C**

**(3 × 10 = 30)**

**Answer any THREE questions**

19. Explain in detail about the sources of natural dyes and function of mordants.
20. With a neat sketch, explain the working of winch dyeing machine.
21. Explain the working of latest screen printing machine widely used in industry.
22. Explain briefly about the advanced printing methods
23. Explain in detail about the working of spectrophotometer used for computer colour matching.

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