C20-GT–503

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BOARD DIPLOMA EXAMINATION, (C-20)

OCTOBER / NOVEMBER—2023

DGT - FIFTH SEMESTER EXAMINATION

TECHNOLOGY OF TEXTILE PRINTING

Time : 3 Hours]　　　　　　　　　　　　　　　　　　　[*Total Marks* : 80

PART—A　　　　　　3×10=30

Instructions : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. Write the importance of block printing.

2. Write the stages of transfer printing.

3. Name the method used to prepare the screens for screen printing.

4. Write the difference between stencil and screen printing.

5. Write the defects, causes and remedies for uneven printing in screen printing.

6. State the functions of lint doctor.

7. Write the functions of hygroscopic agents in preparation of print paste.

8. List out the thickness used in printing paste.

9. Define the term pigments.

10. Define the term colour fastness.

Instructions : (1) Answer **all** questions.

(2) Each question carries **eight** marks.

(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. *(a)* Explain the advantages and disadvantages of block printing.

(OR)

(b) Describe the working method of flatbed press machine with a diagram.

12. *(a)* Describe the stencil printing method and write the advantages and disadvantages.

(OR)

(b) Explain the advantages and disadvantages of flatbed press transfer printing machine.

13. *(a)* Explain the widely used method of preparing screens in screen printing.

(OR)

(b) Explain the defects, causes and remedies of screen printing.

14. *(a)* Describe the advantages and disadvantages of roller printing.

(OR)

(b) Explain the faults and remedies of misfitting and streaks in roller printing.

15. *(a)* Explain the defects and remedies of lifts and snappers in roller printing.

(OR)

(b) Describe the defects and remedies of scratches and uneven prints.

PART—C

Instructions : (1) Answer the following question.

(2) The question carries **ten** marks.

(3) Answer should be comprehensive and the criterion for valuation is the content but not the length of the answer.

16. What is the method of assessment of colour by colour fastness test to washing?

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