

Register No.:

512

April 2024

Time – Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.]

PART – A

1. State the advantages of computer-to-plate technology.
2. What are short run jobs?
3. Define non-impact printing.
4. List the various types of thermography.
5. Define security design features.
6. Define fugitive ink.
7. What is Hologram?
8. Write the various types of lenticular.
9. Write the concept of IoT.
10. What is the concept of remote printing?

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PART – B

11. (a) Draw and explain the flow chart of digital technologies with examples.

(Or)

- (b) Describe about computer to press and computer to print technologies with examples.

12. (a) Describe the scope and demand of NIP technologies in printing market.

(Or)

- (b) Compare continuous inkjet and drop on demand inkjet printing. Also state their applications in printing.

13. (a) Describe the Trademark colours and their important role in security printing.

(Or)

- (b) Explain the various security printing features against counterfeit.

14. (a) What are the combinations of hybrid printing? Explain any one with neat sketch.

(Or)

- (b) Compare 3D printing with waterless offset printing process with suitable examples.

15. (a) Describe the concept of cloud printing and state its role in present printing market.

(Or)

- (b) Describe about remote printing and its impact in printing industry.
