

C-1574

Sub. Code

82014

M.Des. DEGREE EXAMINATION, NOVEMBER 2019

First Semester

Printing Technology

COMMUNICATION DESIGN

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is the role of Blanket Cylinder in Offset printing?
2. State the difference between Sheet - fed and Web- offset printing.
3. What is the color model used in offset printing?
4. What is the image resolution used in offset printing?
5. Is it worth printing 50 copies of a leaflet by offset printing? Explain.
6. Explain CTP in offset printing.
7. What basic theory used in offset printing?
8. What are the basics of Screen printing?
9. Explain Foils Stamping.
10. Explain lamination.

Part B**(5 × 5 = 25)**

Answer **all** questions, choosing either (a) or (b).

11. (a) What is Ink water balance in offset printing?
Explain in detail.

Or

- (b) What is a substrate? Explain various types of it.

12. (a) Why black is used in offset printing? Explain in details.

Or

- (b) What is GSM? Explain with Examples.

13. (a) Explain in detail alcohol dampening in offset printing?

Or

- (b) Explain in detail Laser Printing Process.

14. (a) What are the differences between Ink-jet printing and laser Printing?

Or

- (b) Explain Spot Lamination and its uses.

15. (a) Explain the functions of the Squeezer in Screen Printing.

Or

- (b) Explain the limitations of Screen Printing?

Part C**(3 × 10 = 30)**

Answer Either (a) or (b) Questions.

16. (a) What is Offset Printing Process, explain in detail with a neat Sketch.

Or

- (b) Explain in detail the colour separation Process in offset printing.

17. (a) Explain in detail the post production process in offset printing.

Or

- (b) Explain the role of Printing in Packaging Industry.

18. (a) Explain environmental issues related to Print production.

Or

- (b) What is Screen Printing Process explain in detail with a neat Sketch.
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