

TED(15)2101

Reg. No.

(Revision – 2015)

Signature.

Second Semester Diploma Model Examination In Printing Technology

Basics of printing processes

[Maximum Marks : 100]

[Time : 3 Hour]

PART – A

[Maximum Marks : 10]

I. Answer the following question in one or two sentences:

Marks

1. What you mean by the term printing?
2. Give one example for impact and non-impact printing.
3. What is the use of blanket cylinder in offset?
4. Write about hand cut stencil.
5. What is the need of screen reclamation?

[5x2=10]

PART – B

[Maximum Marks: 30]

II. Answer any five full questions:

1. State the role of stone printing in the history of printing.
2. How stencil printing differ from letterpress?
3. State the purpose of in-feed unit in printing machine. How it differs in sheet-fed and web offset?
4. “To print over cloth, screen printing is commonly used”. Justify.
5. State the role of doctor blade and anilox roller in the inking system.
6. “Digital printing belongs to non-impact printing”. Follow the statement.
7. Explain any two method of photo graphic stencil preparation.

[5x6=30]

PART – C

[Maximum Marks : 60]

[Answer one full question from each unit]

UNIT - I

III. “Over all printing process is classified in to three”. Mention them and explain in detail [15]

OR

IV. a) “Printed products are in wide variety”. Give examples and explain. [8]

b) Describe the origin and development of printing. [7]

UNIT - II

V. a) Categorize the printing process based on their basic principle? [15]

OR

VI. a) What is the parameter which divide printing into impact and non- impact? Explain with examples [10]

b) State the applications and limitations of letter press printing. [5]

UNIT – III

VII. a) Compare flexographic printing with gravure printing. [15]

OR

VIII. a) How offset, gravure and flexo differ in the case of inking system? [8]

b) How dampening system is related with offset principle? [7]

UNIT – IV

IX. Give a detailed description to stencil printing [15]

OR

X. a) Explain
i) manual screen printing machine ii) automatic screen printing machine [8]

b) What are the requirements for the screen printing process? Explain. [7]

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