

Scheme – E

Sample Question Paper

Course Name : Diploma in Printing Technology

Course Code : PN / PC

Semester : Fourth

Subject Title : Digital Imposition

Marks : 100

12531

Time:3 Hours

Instructions:

1. All questions are compulsory.
2. Illustrate your answers with neat sketches wherever necessary.
3. Figures to the right indicate full marks.
4. Assume suitable data if necessary.
5. Preferably, write the answers in sequential order.

Q.1A) Attempt any SIX of the following:

12 Marks

- a. Define – i) Folio ii) Signature.
- b. Define – i) Centrespread ii) Gatefold.
- c. Write A0 paper size in mm.
- d. Define Imposition.
- e. State 2 applications of PageMaker software.
- f. Write how margins for page are set in PageMaker software.
- g. Name 2 Post Script compatible output devices.
- h. Name 2 companies developing RIP software.

Q.1B) Attempt any TWO of the following:

08 Marks

- a. Describe meaning of print area of machine with suitable example.
- b. Describe Full sheet work imposition scheme.
- c. State 4 British paper sizes in inches.

Q.2 Attempt any TWO of the following:

16 Marks

- a. Define – Verso, Recto, Header, Footer. Also draw schematic diagram showing these marks.
- b. Describe 2 types of Half sheet imposition schemes.

- c. Draw 8 page Full sheet imposition scheme and show gripper margin, page number, head, tail, fore-edge, back, centre mark & cutting mark.

Q.3 Attempt any TWO of the following:

16 Marks

- Describe 4 graphic file formats.
- Compare digital imposition with manual imposition upto 4 points. Also 2 advantages & 2 limitations of digital imposition.
- Describe meaning & purpose of JDF.

Q.4 Attempt any TWO of the following:

16 Marks

- Describe meaning of Post Script and state its 4 characteristics.
- Explain the utility of imposition software with suitable example.
- Describe 2 applications of JDF with example.

Q.5 Attempt any TWO of the following:

16 Marks

- Explain the use of RIP. Also state its 2 types.
- Describe how CTP & Packaging industry are benefitted by digital imposition.
- Explain 4 objectives of CIP4.

Q.6 Attempt any FOUR of the following:

16 Marks

- Describe 2 components of RIP.
- Write name & function of any 4 binder's marks.
- Write in sequence, steps in preparing dummy for 16 page newspaper.
- What is meant by perpendicular fold? How it is executed?
- Write in sequence, the steps in making visiting card using PageMaker software.
