

**Duration: 3 hrs**

**Total Marks: 80**

**N.B.**

- 1) **Question No.1** Compulsory.
- 2) **Answer any three** from the remaining Five questions.
- 3) Figures to the right indicate **full marks**.
- 4) Give illustrations and examples wherever necessary.

Q. 1 Write a short note on the following

- |                          |         |
|--------------------------|---------|
| A. Serigraphy            | 5 Marks |
| B. Flexography           | 5 Marks |
| C. Foil stamping,        | 5 Marks |
| D. Drying methods of Ink | 5 Marks |

Q. 2 A. Describe in detail about given below conventional printing process with neat diagram

- |                         |                              |          |
|-------------------------|------------------------------|----------|
| i) Letterpress printing | ii) Gravure printing process | 10 Marks |
|-------------------------|------------------------------|----------|

B. Describe about the different types of inkjet printing process 10 Marks

Q. 3 A. Write a note on typography. Draw a neat diagram of typeface structure and list out the parts 10 Marks

B. Write a note on Screen printing .Explain different machine configuration 10 Marks

Q. 4 A. i) Draw the imposition for 32 page full sheet work. 5 Marks

ii) Draw a 4 page Imposition using work & tumble method having 4ups 5 Marks

B. Discuss the mechanism of Offset printing and applications with neat diagrams 10 Marks

Q. 5 A. Discuss various post press processes in detail with neat diagram. 10 Marks

B. Explain different types of folding in rotary machine with neat diagram 10 Marks

Q6. Explain the following; 4X5 = 20 Marks

- a. Write a note on color separation.
- b. List out the substrates used for package printing process
- c. Write a short note different components of ink
- d. .Write a note on different steps of binding Process