

Exam. Code : 110203

Subject Code : 2734

**Bachelor of Vocation (Printing Technology) 3<sup>rd</sup> Semester**

**MODERN TRENDS IN PRINTING**

**Paper-I**

Time Allowed—3 Hours] [Maximum Marks—50

**Note:**— Attempt any **five** questions. Each question carries equal marks.

1. Discuss in detail importance of printing technology with reference to modern trends in printing. 10
2. Classify flexographic printing machines and explain any one of them. 10
3. Write a detailed note on sheet fed and web fed offset printing machines. 10
4. Write short notes on any **two** of the following :
  - (a) Closed inking system
  - (b) Digital Flexo Plate
  - (c) Label printing. 5×2=10

5. Explain the importance of flexible packaging and list the post printing operations. 10
6. What do you know about facsimile technology ? Write advantages and disadvantages of facsimile technology. 10
7. What jobs are recommended for printing by offset printing process and state the reason ? 10
8. Write short notes on any **two** of the following :
  - (a) Waste disposal
  - (b) Machine maintenance
  - (c) Exhaust air purification. 5×2=10