



### I SEMESTER M.TECH. (PRINTING AND MEDIA TECHNOLOGY)

### END SEMESTER MAKE-UP EXAMINATIONS, DEC/JAN 2016-17

### SUBJECT: PRINT FINISHING AND CONVERTING [PME 5105]

### REVISED CREDIT SYSTEM

Time: 3 Hours

MAX. MARKS: 50

#### Instructions to Candidates:

- ❖ Answer **ANY FIVE FULL** questions.
- ❖ Missing data may be suitable assumed.

- 1A. Briefly explain the similarities and differences between thermography and foil stamping.
- 1B. With a neat sketch explain combination folding mechanism
- 1C. Which type of adhesive binding gives more strength and flexibility? Explain its salient features.

[ 03 + 03 + 04 ]

- 2A. How many boards of 25 " x 30 " size will be required for making of covers of 2000 hard bound books in demmy octavo size? Consider wastage @ 2%.
- 2B. Explain the principles for the connection and interlinking of modules
- 2C. Which factors contribute to product durability in perfect bound books? Explain

[ 02 + 04 + 04 ]

- 3A. With a neat sketch briefly explain logistics in unlinked process
- 3B. Explain the different types of lamination film
- 3C. Explain the double loop wire (wireo) and plastic coil binding

[ 02 + 04 + 04 ]

- 4A. Why Coating is done? Briefly explain the technology used
- 4B. Explain saddle and side sewing with an example.
- 4C. What is GBC or plastic comb binding? Explain its advantages and salient features

[ 03 + 03 + 04 ]

- 5A. What is Whip Sewing? Explain its features and advantages
- 5B. With a neat sketch explain self-publishing or espresso book machine. What are its advantages?
- 5C. What are the recommendations for paper to control quality in binding?

[ 03 + 04 + 03 ]