


VI SEMESTER B.TECH. (PRINT AND MEDIA TECHNOLOGY)
END SEMESTER EXAMINATIONS, APRIL 2018
SUBJECT: PRINT FINISHING AND CONVERTING [PMT 3201]
**REVISED CREDIT SYSTEM
(16/04/2018)**

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ALL** the questions.
- ❖ Draw neat diagrams where ever required
- ❖ Missing data may be suitable assumed.

- 1A.** Draw a lay out of a printing press? Why is Print finishing most important department in a Printing Press? Why it requires more space?
- 1B.** With neat diagram explain the anatomy of a hard case bounded book?
- 1C.** What is the function of end paper? What are the advantages of having end paper? With a neat diagram explain the construction of zig zag end paper.

[02 + 04 + 04]

- 2A.** List and briefly explain various forwarding operation in Binding.
- 2B.** Is it necessary to decorate the book edges? What are the various methods of edge decoration? Explain each.
- 2C.** Explain briefly any 8 miscellaneous operations in a Bindery.

[02 + 04 + 04]

- 3A.** What is the importance of Folding? List any 3 differences between hand folding and Machine folding. Name the different types of folding machine with the advantages of each.
- 3B.** What is a Signature? Explain the parts of a Signature. What are the 4 problems that can occur in the bindery when folding is not made proper?
- 3C.** With neat diagram explain the process of French Sewing?

[02 + 04 + 04]

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- 4A.** Draw a chart showing the classification of binding.
- 4B.** What do you understand by tipping? List and explain all the different types of tipping processes.
- 4C.** Briefly explain with neat figure the manual process of making a hard case square edge book?

[02 + 04 + 04]

- 5A.** What is the need for gathering the signature? How to check if the gathered signatures are correct or not? Explain with a neat diagram.
- 5B.** Write any 8 advantages of Air cushioning in cutting machine? Explain with neat diagram the air nozzle.
- 5C.** With neat diagram explain the working of Rotary feeder of a gathering machine.

[02 + 04 + 04]