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MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL

A Constituent Institution of Manipal University

SIXTH SEMESTER B.TECH. (PRINT AND MEDIA TECHNOLOGY)

END SEMESTER EXAMINATIONS, APR/MAY 2017

SUBJECT: PRINT FINISHING AND CONVERTING (PMT 3201)

REVISED CREDIT SYSTEM

(22/04/2017)

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ALL** the questions.
- ❖ Draw neat diagrams where ever required

- 1A. What do you understand by the term "Signature" in Binding?
- 1B. Draw a neat diagram showing a hard bound book. Briefly explain its parts.
- 1C. Brief describe about the nipping, standing presses used in the Bindery. What is the need for these equipment's?

[02 + 04 + 04]

- 2A. Briefly explain the importance of Bundling in bindery.
- 2B. What are collating marks, Head and Tail bands? Explain its importance with neat diagram.
- 2C. With a neat diagram explain the working of a Three knife trimmer? What are its advantages?

[02 + 04 + 04]

- 3A. What do you understand by Binders aids? Name few and brief each.
- 3B. What is the need for smashing machine in the bindery? Explain with neat diagram different types of it.
- 3C. With neat diagram explain various types of knife edges and their application

[02 + 04 + 04]

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- 4A.** Differentiate between Stitching and Sewing.
- 4B.** With a neat diagram explain wire stitching machine.
- 4C.** What do you understand by rounding and backing? Why is it required?

[02 + 04 + 04]

- 5A.** What is the difference between “Embossing and Debossing”? Explain.
- 5B.** With a neat work flow diagram explain adhesive binding process.
- 5C.** What is lamination? What are its types? Briefly explain each type.

[02 + 04 + 04]