

# Government Institute of Printing Technology, Mumbai.

## Sample Paper

Course: Press Work Web  
Duration: 03Hours

Code: M506  
Marks: 80

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### Instructions to candidates:

1. Attempt all questions and illustrate your answers with neat sketches wherever necessary.
  2. Figures to the right indicate full marks.
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- Q1 Answer any five questions. 20**
- a. Define web offset process and write two benefits of web offset process.
  - b. Describe working of expanding shaft with diagram.
  - c. Explain chilling mechanism. Why it is important on heat set web offset press?
  - d. Describe chopper folder with diagram.
  - e. Describe stroboscope and its purpose on web press.
  - f. Describe working of flying splicer.
  - g. What is telescopic web ? What are the remedies for telescopic web.
- Q2 Answer any two questions. 12**
- a. Compare sheet fed press vs web fed press up to 6 points.
  - b. Write importance of web tension. Write four causes of variations in web tension.
  - c. What is infeed section of web press ? Name the components involved in infeed section.
- Q3 Answer any three questions. 12**
- a. Describe working of satellite press with diagram.
  - b. Describe working of web cleaner with diagram.
  - c. Describe basement type reel stand with diagram and state its advantages.
- Q4 Answer any three questions. 12**
- a. Explain with diagram the paper path from infeed to folder including drying.
  - b. Name any three types of slitter, and describe hard on hard slitter with diagram.
  - c. Define splicing ? Describe working zero speed splicer.
- Q5 Answer any two questions. 12**
- a. Name any three web controlling devices and explain any one.
  - b. Describe 'Y' type web press configuration with diagram and name its parts.
  - c. Describe working of former folder with diagram and name its parts.
- Q6 Answer any two questions. 12**
- a. Name any three registration controlling devices explain anyone.
  - b. Describe working angle bar and turner bar with diagram.
  - c. Name the parts involved in folder super structure, Write function of impaling pins.