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B.E. / B.Tech. (Full - Time) ARREAR SEMESTER EXAMINATIONS, APR/ MAY 2012

PRINTING TECHNOLOGY BRANCH

FIFTH SEMESTER

PT9305 WEB OFFSET TECHNOLOGY

(REGULATIONS 2008)

Time : 3 hrs

Max Mark:100

ANSWER ALL QUESTIONS

Part – A (10 x 2 = 20 Marks)

1. Enumerate the advantages of web offset?
2. Why we need dancer roller?
3. What do you mean by hickies?
4. Write down the need for cylinder packing?
5. List down the maintenance procedure for dryer
6. How the chiller cylinders should be housed?
7. How the tabloid is folded
8. List down the various operation in an inline mailroom?
9. What is pagination?
10. What is the need for kickers?

Part – B (5 x 16 = 80 Marks)

11. a. Explain the types of drier and their construction and working in detail using a clear diagram.

12. a. Explain any one type of splicer with the step by step schematic diagram.

or

b. Write the classification of web offset presses with suitable diagram.

13. a. Discuss any eight web offset printing problems and their causes in detail.

or

b. With neat schematic diagram explain the types of dampening system in detail.

14. a. Write elaborately the types of folders and their working principle with clear diagram

or

b. Explain the following.

- i). Bay windows (6) ii. Turner bars (5) iii. Perforators (5)

15. a Write a short note on the following.

- i). counter stackers (4) ii. Bundle addressing (4)
iii. Single /double/quadruple production (8)

or

b. Describe the cylinder pressure calculation of a printing couple in detail