

25/9/15

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B.E. (Full Time) DEGREE END SEMESTER EXAMINATIONS, NOV / DEC 2013
PRINTING TECHNOLOGY BRANCH
III SEMESTER - (REGULATIONS 2004 / 2008)
PT272 / PT9202 Imaging Technology

Time: 3 hr

Max. Mark: 100

Answer ALL Questions

Part – A (10 x 2 = 20 Mark)

1. Name any three classification of type faces.
2. Explain the point system of measurement.
3. Explain any four proof reading marks.
4. Name different lasers used in typesetting.
5. Why a compound lens is used?
6. What is an outline font?
7. Name different types of file formats.
8. How a type face is digitized?
9. Explain the principle of transmission densitometer.
10. What is a RIP?

Part –B (5 x 16 = 80 Mark)

11. Name different methods of Casting off for a book work. Explain any one detail.
12. Explain the working principle of a laser printer.
Or
Explain the working principle of laser typesetter.
13. Explain the penumbra theory of dot formation.
Or
Explain the variables that affect the process of image formation on a film.
14. Explain different types of lens aberrations.
Or
Explain the action of light on a light sensitive emulsion.
15. Explain the term resolution with reference to typesetter and camera.
Or
Explain the working principle of any one type of scanner.