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B.E. (Full Time) DEGREE END SEMESTER EXAMINATIONS, Nov. 2011

PRINTING TECHNOLOGY BRANCH

VIII SEMESTER - (REGULATIONS 2004)

**PT 481 Printing Machinery Maintenance**

32

Time 3 Hrs.

Max.Marks:100

Answer All Questions

**Part A**

10x2=20 Marks

1. Name any four objectives of maintenance
2. Define Contract maintenance with any four advantages
3. Name the equipments needed for the erection of equipments.
4. What are the various test forms used for the trial run?
5. Name the important points to consider in setting eccentric bush.
6. Write short notes on thrust bearing.
7. Name the types of protective enclosure systems.
8. Define pour point and flash point.
9. Write a few lines on electro magnets
10. Enumerate the requirements for the layout of Sheetfed Offset pressroom

**Part B**

11. a. Explain the factors having adverse effect on maintenance efficiency.
12. a. I. Explain different types of lubricating systems and their purpose.  
Or  
b. I. Explain the method of evaluating the Overall Equipment Effectiveness.
13. a. I. Discuss the various maintenance methods available.  
Or  
b. I. Explain the method of determining the criticality of equipments.
14. a. I. Explain four non destructive testing methods and instruments.  
Or  
b. I. Explain different types of foundation and their relative importance.
15. a. I. Describe a planned maintenance schedule for a Printing machine department.  
Or  
b. I. Explain the method of obtaining the objectives of maintenance.