

Roll No.

23225

**M. Tech 2nd Semester (Print & Graphic
Communication)**

Examination – January, 2012

ADVANCED MAINTENANCE MANAGEMENT

Paper : PTL- 732

Time : Three hours] [Maximum Marks :100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt any *five* questions by selecting at least *one* question from each Unit. All questions carry equal marks.

UNIT – I

1. What is Reliability ? Explain in detail Hazards Model.
Constant Hazard and Weibul Model. 20
2. Write notes on :
 - (a) Maximizing Reliability, 10

(b) K – out – ofn – structure.

UNIT – II

3. Explain in detail about Maintainability and Availability of equipment. 20
4. Explain in detail Replacement Policies for Minimization of down time of production work. 20

UNIT – III

5. Explain in detail about overhaul and repair decision in a Printing Industry Workshop. 20
6. Write notes on : 10 × 2 = 20
- (a) Preventive Maintenance,
- (b) Breakdown Maintenance.

UNIT – IV

7. What is MIS ? Explain the application of computer in Maintenance Management. 20
8. Write notes on :
- (a) Maintenance of CTP, 10
- (b) Maintenance of Digital Machine. 10
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