

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
M.Tech., Winter 2017 - 18 Examination

Semester: 2**Date: 10/01/2018****Subject Code: 03216154****Time: 02:00PM to 04:30PM****Subject Name: Resource Management****Total Marks: 60**

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1** A) What is Standardization & Codification? (05)
B) Enlist and explain the difference types of the functions used in FAST diagram technique. (05)
C) What is Material management? Explain the different functions of the material management. (05)
- Q.2** Answer the following questions. (Attempt any three) (Each five mark) (15)
A) What is FAST diagram technique? How to create the FAST diagram?
B) Differentiate between ABC analysis, VED analysis and FSN analysis.
C) Explain difference between Preventive Maintenance & Predictive Maintenance.
D) Discuss precautions to be taken:
1. Before carry out the maintenance
2. During maintenance
- Q.3** A) Enlist classification of equipment. Explain any one in detail. Discuss importance of classification. (07)
B) What are the early and late procurement? Explain the advantages and dis-advantages of Centralized and Local purchasing? (08)
- OR**
- B) What is the difference between Procurement and Purchasing process? Enlist the various steps followed in Procurement life cycle. (08)
- Q.4** A) Explain function of components of belt conveyor systems with neat and clean sketch. (07)
- OR**
- A) State and discuss Task constrains, Site constrains and economic constrains for equipment planning selection. (07)
B) Why Inventory models needed? Discuss EOQ model with suitable example. (08)