

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
M.Tech. Winter 2018 - 19 Examination

Semester: 2
Subject Code: 03216154
Subject Name: Resource Management

Date: 13/12/2018
Time: 2:00 PM TO 4:30 PM
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) Describe step by step procedure to select suppliers appropriate for approved list. (05)
B) Explain difference between Preventive Maintenance & Predictive Maintenance. (05)
C) Differentiate between Standard Equipment and Special Equipment. (05)

Q.2 Answer the following questions. (Attempt any three) (Each five mark) (15)

- A) What is Standardization & Codification?
- B) Write a short note on Pneumatic type concrete pumps.
- C) Enlist and explain the difference types of the functions used in FAST diagramme technique.
- D) Discuss precautions to be taken:
 1. Before carry out the maintenance
 2. During maintenance

- Q.3** A) Differentiate between ABC analysis, VED analysis and FSN analysis. (07)
B) Why Inventory models needed? Discuss EOQ model with suitable example. (08)

OR

- B) What are the inventory-related costs? What are the functions of inventories? (08)

- Q.4** A) What do you mean by FAST technique? What is the standards procedure to create FAST diagramme for any of the construction project? (07)

OR

- A) What are the early and late procurement? Explain the advantages and dis-advantages of Centralized and Local purchasing? (07)

- B) State and discuss Task constrains, Site constrains and economic constrains for equipment planning selection. (08)