

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

Semester: 2**Subject Code: 203216183****Subject Name: RESOURCE MANAGEMENT****Date: 10/05/2019****Time: 10:30 am to 01:00 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) Discuss general factors or consideration for selection of equipment. (05)
B) Why is the Function Analysis System Technique important? (05)
C) Write Following Purchasing Principles: (05)
 1.) Right Quality 2.) Right Price.
- Q.2** Answer the following questions. (Attempt any three) (Each five mark) (15)
A) State and explain objectives of material management
B) Discuss objective of disposal of waste.
C) Explain Failure Mode Effects Analysis. Enlist & explain types of FMEAs
D) State & discuss factor affecting the planning and selection of equipment.
- Q.3** A) Write detail note on "construction machinery in India-its evolution". (07)
B) Enlist and explain A-Z benefits of predictive maintenance. (08)

OR

- B) With the help of quantity-cost curve, explain the significance of EOQ? What are the limitations of using the formula for an EOQ? (08)
- Q.4** A) Enlist and explain any two inventory control techniques. (07)

OR

- A) Enlist classification of equipment. Explain any two in detail. (07)
B) Write a detail note on purchasing cycle. (08)