

Code No: 57034

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, November - 2015

MANAGEMENT SCIENCE

(Common to ECE, ETM, MMT)

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

- 1.a) Underline the importance of responsibility of management to society. Give some examples how some organizations implemented the same.
- b) What are hygiene factors and motivators? [10+5]
- 2.a) What are the merits and demerits of functional organizations?
- b) Under which conditions, would you advocate going for matrix type of organization? [8+7]
- 3.a) In a cabinet painting shop, the exact number of defects noticed after each piece is inspected is recorded and the data is as below:

Sample number	1	2	3	4	5	6	7	8	9	10
No. of defects	10	7	6	8	8	4	9	5	9	8

Plot appropriate control chart and comment on the results.

- b) What are the objectives of a good plant lay out? [10+5]
- 4.a) Explain the significance of 4ps of marketing.
- b) A company follows EOQ while ordering material for its requirement. In a specific instance its ordering cost for a particular item for the year is Rs. 1,20,000. If the inventory carrying cost per unit per year is Rs.4 what is the average number of units held in inventory? [7+8]
- 5.a) What are the objectives of merit rating?
- b) What is experiential learning method of training? [8+7]