Code No: **R32026**   **R10**   **Set No. 1**

III B.Tech II Semester Supplementary Examinations, November - 2017
MANAGEMENT SCIENCE
(Common to EEE, ECE, CSE, CHEM, EIE, BME,IT)

Time: 3 hours   **Max. Marks: 75**

Answer any FIVE Questions
All Questions carry equal marks
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1 a) Discuss in detail about Douglas MC Gregor's Theory X and Theory Y and its implication to management practices. [8M]

   b) Define Management. Explain in brief the functions of management. [7M]

2 a) Based on the data given below construct a SQC chart and check whether the sample taken for test shows within control or out of control. Size of the sample is given as 30. [6M]

Sample	1	2	3	4	5	6	7	8	9	10
No of defectives	3	2	2	1	4	2	1	4	2	1

   b) Explain the various types for ABC anlaysis. [9M]

3 a) What are the various methods of Merit rating methods? Discuss in detail. [8M]

   b) Explain in detail the various types of channels of distribution with appropriate example. [7M]

4 a) Consider a project consisting of seven jobs with the precedence relations and average time estimates are as follows [8M]

Job	Predecessors	Time (days)
C	-	20
D	B,C	10
E	D.C	20
F	A	30
G	B,F	20
H	E	40

Draw the project network and identify the critical path

   b) What is the need and significance of different types of floats in CPM Network? [7M]

5 a) What is SWOT analysis? What is its significance in designing of a strategy? [7M]

   b) Elaborate the elements of corporate planning process. [8M]

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6 a) What do you mean by management ethics? Explain the four levels of organizational   [7M]
       ethics.
   b) Explain the ethics that are to be followed in financial Management.   [8M]

7 a) Discuss about the characteristics of effective presentation.   [8M]
   b) Elaborate on the types of informational analytical reports.   [7M]

8 a) Discuss the various levels of Capacity Maturity Model.   [7M]
   b) Write a short note on (a) Supply Chain Management   (b) Total Quality management   [8M]

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