

L2B

R09

Code No: 09A80107

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, May - 2013

MANAGEMENT SCIENCE

(Common to CE, CSE, IT)

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

- 1.a) Compare and contrast Maslow's theory of motivation and Herzberg's two factor theory of motivation.
- b) What is the systems approach to management? Explain its advantages. [7+8]
- 2.a) Explain the merits and demerits of virtual organization.
- b) Under what conditions boundaryless organization is suitable. [7+8]
- 3. For the activities and precedence relationships given below:
 - a) Construct an AON network for the project
 - b) Determine the critical path
 - c) Determine the project completion time
 - d) Determine the slack for activities which are not on the critical path. [15]

Activity	Duration (weeks)	Predecessor (s)
A	4	-
B	6	A
C	5	A
D	9	A
E	8	B
F	2	B,C
G	5	E
H	6	F,I
I	4	D
J	5	G,H

- 4.a) Is there any need for stores management in the era of just in time? Discuss.
- b) Discuss the merits and demerits of EOQ and ABC Analysis. [7+8]
- 5.a) Discuss the need for human resource planning for any organization.
- b) What are the various methods and procedures for grievance handling. Discuss. [15]
- 6. A manufacturing concern has 3 departments and to flow between departments is as follows:

From	A	B	C	D
A	-	2	-	2
B	2	-	4	-
C	-	3	-	1
D	2	-	1	-

Using the operators sequence analysis technique, how should the departments be arranged.

- 7.a) What are the various steps in the strategy formulation and implementation?
 b) What are the various steps and elements of corporate planning process? [7+8]

8. Explain the following
 a) Kaizen b) Deming's PDCA c) Value Chain Analysis. [15]

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