

Code No: 45104

**R07**

**Set No - 1**

**III B.Tech I Semester Regular Examinations, Nov/Dec 2009**  
**MANAGEMENT SCIENCE**  
**Common to Aeronautical Engineering, Electronics And Instrumentation**  
**Engineering**

**Time: 3 hours**

**Max Marks: 80**

**Answer any FIVE Questions**  
**All Questions carry equal marks**

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1. Critically examine Herzbergs two factor theory. Make a comparison between Herzbergs two factor theory and Maslows theory of motivation. [16]
2. What is the importance of Q.A/Q.C departments in the organizations? How they are helpful for quality improvements in the production? [16]
3. Explain the different stages of Product Life Cycle. Elaborate each stage, by giving certain examples. [16]
4. "The study of environment is relevant for strategic management process" Discuss. [16]
5. What the salient features of network analysis? Highlight the difficulties encountered in using network techniques? [16]
6. What do you mean by career planning? Describe its need and objectives.? [16]
7. Explain the Recording technique. Draw suitable tables to explain wherever necessary. [16]
8. Explain Functional Organization. Explain the merits and demerits of Functional Organization. [16]

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**Set No - 2**

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**MANAGEMENT SCIENCE**  
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**Engineering**

**Time: 3 hours**

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**Answer any FIVE Questions**  
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1. Explain Statistical Quality Control. How do you construct different charts for SQC? [16]
2. (a) Define Empowerment. What are the advantages and disadvantages.  
(b) Explain Juran's 'Quality Trilogy' in detail. [8+8]
3. Explain Theory X and Theory Y. Discuss how they are related to each other. [16]
4. What are the Porters five forces, which affect industry structure? Narrate with an example. [16]
5. Explain the following with examples:  
(a) Least cost scheduling Rules  
(b) CPM [8+8]
6. State the provisions of the Minimum Wages Act, 1948 relating to the fixation of minimum wages. [16]
7. Define Matrix Organization. What are its advantages and disadvantages. [16]
8. Define Marketing. Explain the functions of Marketing. [16]

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**Set No - 3**

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**Engineering**

**Time: 3 hours**

**Max Marks: 80**

**Answer any FIVE Questions**  
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1. Describe the various types of store registers. Discuss the uses. [16]
2. Write a note on the techniques used for enhancing quality of strategic management process? [16]
3. What are the different types of charts and diagrams used in work study investigation? Explain the same with suitable examples. [16]
4. Explain Douglas McGregor Theory. Give some suitable examples and explain. [16]
5. Write short notes on:
  - (a) Business Process Outsourcing
  - (b) Balanced Score Card. [8+8]
6. Why network analysis? Draw a Network Diagram for the following information.

Activity	Predecessor Activity	Duration
A	—	9
B	—	3
C	A	8
D	A	2
E	A	3
F	C	2
G	C	6
H	C	1
J	B,D	4
K	F,J	1
L	E,H,G,K	2
M	E,H	3
N	L,M	4

[16]

7. Define Cellular Organization. Explain how it differs from an Virtual Organization. [16]
8. Explain different types of interview? How to minimize interviewer bias? [16]

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**Set No - 4**

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**Common to Aeronautical Engineering, Electronics And Instrumentation Engineering**

**Time: 3 hours**

**Max Marks: 80**

**Answer any FIVE Questions  
All Questions carry equal marks**

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1. Explain different Leadership Styles. Take a leader of your choice and explain his qualities. [16]
2. What is the significance of network analysis? Listed in the table are the activities and some sequencing necessary for a maintenance job on the heat exchange in a refinery.

Activity	Description	Predecessor Activity
A	Dismantle pipe connection	—
B	Dismantle heater, closure, and floating front	A
C	Remove tube bundle	B
D	Clean bolts	B
E	Clean heater and floating head front	B
F	Clean tube bundle	C
G	Clean Shells	C
H	Replace tube bundle	F,G
I	Prepare shell pressure test	D,E,H
J	Prepare tube pressure test and reassemble.	I

Draw a network of activities for the project. [16]

3. (a) Define TQM. What the difficulties in implementation of TQM.  
(b) What are the elements in Value Chain anAlysis? [8+8]
4. Describe the entry strategies available to enter global market by Indian companies? [16]
5. What are the distinctive advantages and disadvantages of Job Production over Batch Production? [16]
6. What is the role of Material Manager? Explain the role of Material Manager in relation to other departments of an organization. [16]
7. Draw an Organizational Chart on the basis of Functions and explain the same. [16]
8. Discuss the various sources of recruitment of employees. What are the merits and demerits of such available sources? [16]

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