

Code No: 07A50602

R07**Set No. 2****III B.Tech I Semester Examinations, November 2010****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**

1. Draw an Organizational Chart on the basis of Functions and explain the same. [16]
2. Explain Control Charts for attributes. [16]
3. What are the general principles of management explained by Fayol? [16]
4. What is the utility of a network diagram? An assembly is to be made from two parts X and Y. Both parts must be turned on a lathe and Y must be polished whereas X need not be polished. The sequence of activities together with their predecessors is given below.

Activity	Description	Predecessor Activity
A	Open work order	—
B	Get material for X	A
C	Get material for Y	A
D	Turn x on machine	B
E	Turn Y on machine	B,C
F	Polish Y	E
G	Assembly X and Y	D,F
H	Pack	G

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

5. (a) What are the advantages and Myths of Business Process Outsourcing
(b) Explain quality costs. What are the barriers for implementing TQM in an industry?
(c) Explain the role of senior management. [16]
6. Explain the importance of SWOT analysis in strategy formulation of a company. [16]
7. Why workers participation in management is important? Discuss the various modes of workers participation in management? [16]
8. What policy matters should be kept in mind while taking a Purchasing Decision? [16]

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Set No. 4

III B.Tech I Semester Examinations, November 2010

MANAGEMENT SCIENCE

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Engineering**

Time: 3 hours

Max Marks: 80

**Answer any FIVE Questions
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1. Define PERT and CPM and its elements? Explain what is the basic difference between both of them? [16]
2. Define acceptance sampling. What are the methods of acceptance sampling? Explain. [16]
3. Explain the role and importance of HRM in business organization? [16]
4. Profit alone is the sole criterion of the business and not the responsibility to the society. Do you agree with this view? Explain. [16]
5. What are the distinctive features of mechanistic and organic structure of organization? [16]
6. What are the Porters five forces, which affect industry structure? Narrate with an example. [16]
7. What is supply chain management? What are its functions in an typical Organization? [16]
8. What is the importance of Q.A/Q.C departments in the organizations? How they are helpful for quality improvements in the production? [16]

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Set No. 1

III B.Tech I Semester Examinations, November 2010

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**

1. Write short notes on:

(a) Optimization level.

(b) FMEA diagram.

[8+8]

2. Explain about Scheduling phase in PERT ? Give examples.

[16]

3. Explain Matrix Organization. Why and where the matrix organizations are used.

[16]

4. Write briefly about strategic alliances. Explain about 'concentric diversification'.

[16]

5. Job Analysis is one of the most pervasive tasks of HRM . Discuss?

[16]

6. Explain the Product Layout. What are the advantages and disadvantages of Product Layout?

[16]

7. Only when a lower need is satisfied a man craves for higher need. Do you agree? Explain with the help of any theory of motivation.

[16]

8. Describe the various types of store registers. Discuss the uses.

[16]

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R07**Set No. 3****III B.Tech I Semester Examinations, November 2010****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**

1. Define Virtual Organization? Draw an organization chart and explain how the virtual organizations function. [16]
2. Define Management. Explain which definition of management best suits in the present day context. [6+10]
3. Define Production. Explain different methods of Production. [16]
4. Write short notes on:
 - (a) Why TPM is required? Give its types of maintenance.
 - (b) Explain Business Process Reengineering Approaches. [16]
5. What is the importance of social security for workers? Explain the role of supervisor in ensuring safety of the workers. [16]
6. (a) The medical faculty of a university is considered to hold a faculty development program. It has planned the following activities. Prepare a network diagram showing the interrelationship of the various activities.

Activity	Description	Predecessor Activity
A	Conference meet	—
B	Front cover design	A
C	Prepare broacher	A
D	Compile list	A
E	Finalize broacher	C,D
F	Travel arrangement	D
G	Dispatch broacher	E
H	Receive paper	G
I	Edit paper	F,H
J	Print proceedings	B,I

- (b) Explain the limitations of network analysis. [8+8]
7. Why there is strong opposition by Indian companies to the entry of MNCs in our country? What are the benefits of MNCs to India? [16]
8. What do you understand by Marketing Mix? Explain with suitable examples [16]
