

Code No: 07A50602

R07

Set No. 2

III B.Tech I Semester Examinations, MAY 2011

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. Explain the importance and limitations of network analysis. Consider 7 jobs A,B,C,D,E,F and G with the following job sequence
Job A precedes B and C
Job C and D precedes E
Job B precedes D
Job E and F precede G. Construct the network diagram for above activities? What are the advantages and constraints of network diagram. [16]
2. Write short notes on:
 - (a) Various tools of quality.
 - (b) Capability Maturity Model Levels. [16]
3. Explain functionally organized departments. Give your answer with suitable example. [16]
4. Explain the different steps involved in determining the Economic Order Quantity. Give a Example to illustrate your explanation. [16]
5. Distinguish between Human relations and Industrial Relations. What are the factors required for good HR policy in an organization?. [16]
6. Explain the Product Layout. What are the advantages and disadvantages of Product Layout? [16]
7. How is competitive advantage influenced by national context? Explain? [16]
8. "Various theories of motivation emphasize the same set of relationships". Explain the statement in the context of Maslows theory and Herzbergs two factor theory of motivation. [8+8]

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R07**Set No. 4**

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MANAGEMENT SCIENCE

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Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
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1. Write short notes on:

(a) Strategic Leadership strategy

(b) Focus strategy

(c) Differentiation strategy

[16]

2. Define the term 'career' and explain the stages in career planning. What are the expectations from each stage? [16]

3. What was Taylors experiment? What Taylor wanted to achieve from this experiment? [16]

4. Explain Authority, Responsibility and Power. Distinguish all three from each other. [10+6]

5. Explain the relationship between Purchase Order, Invoice and Goods Received Note. Explain with the help of formats. [16]

6. (a) Define TQM. What are the difficulties in implementation of TQM.

(b) What are the elements in Value Chain Analysis?

[8+8]

7. 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]

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Set No. 4

8. What Are Dr Edward Deming Contributions To Quality Movement? [16]

FIRSTRANKER

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Set No. 1

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MANAGEMENT SCIENCE

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Engineering

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1. Asses the contribution of Henry Fayol to Management thought. [16]
2. Explain the work measurement process, by taking appropriate examples. [16]
3. Define team structure. Explain the advantages and disadvantages of team structure. [16]
4. What is PERT and CPM? Explain about the process of crashing activity? [16]
5. What do you understand by Marketing Strategy? Explain with reference to Product Life Cycle. [16]
6. Write short notes on:
 - (a) Taguchi's Quality Loss Function
 - (b) FMEA. [8+8]
7. How do you relate corporate mission and objectives with the recruitment objectives? [16]
8. What are the reasons for following diversification strategy? Write elaborately about different types of diversification? [16]

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Set No. 3

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MANAGEMENT SCIENCE

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Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
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1. How do you perform ABC Analysis for Inventory Management? [16]
2. Discuss steps involved in strategic management? What are the pitfalls of strategic management process? [16]
3. Define Line and Staff Organization and Functional Organization? Do you think that they are same types of organization structure? Explain. [16]
4. What factors would effect individual performance in an organization and how motivation is important in this context? [16]
5. Write short notes on:
 - (a) Business Process Outsourcing
 - (b) Balanced Score Card. [8+8]
6. What is meant by AOA network? Explain rules for AOA network construction? [16]
7. What are the Social Responsibilities of a Manager? Should a manager be socially responsible in the Indian context? Explain. [16]
8. Explain Process Control? What are Chance causes and Assignable Causes? What is the utility of process capability information? [16]
