

**2011**

Full Marks – 70

Time – As in Programme

The figures in the right hand margin indicate marks.

Answer *all* questions.

1. What do you mean TQM ? Discuss the objective of TQM.  
In what ways the approach to TQM has changed over the  
last ten years. 14
2. Discuss the various aspects of TQM programme. Who  
should be involved in TQM activities ? 14
3. What do you mean by cost of quality ? Explain the  
classification of cost of quantity. 14
4. What is SQC ? How control chart is used ?  
Explain. 14
5. What are the factors affecting Implementation of TQM  
programme. 14
6. Discuss in detail about six sigma and its utility 14

7. What is Taguchi loss function ? How it is used. 14
8. Why does the designer use FMEA. Discuss its usefulness. 14
9. What is Acceptance sampling ? Explain single and double sampling plan. 14
10. Write short notes any *two* : 7×2
  - (a) BPR
  - (b) TPM
  - (c) Q.7 tools.

**2011**

Full Marks – 70

Time – As in Programme

The figures in the right hand margin indicate marks.

Answer and *five* questions.

1. What is material management ? Explain the different functions of material management department. 14
2. What is inventory ? Discuss the importance and objectives of inventory control and also discuss about its cost structure. 14
3. What is ABC control policy ? Describe it in detail. 14
4. What is MRP-I ? Describe its advantages and disadvantages. 14
5. Describe the system of purchase of equipment and stores in an industry. How would you ensure the supplies to be of good quality at competitive rates ? 14

(2)

6. Write short notes 14
- (a) Purchasing parameter
  - (b) Vendor selection
7. Describe the procedures for the receipt of materials into the stores and their issue from there. 14
8. What are the different methods of stores verification and their advantages and disadvantages. 14
9. What do you mean by waste wastivity? Briefly explain its classification and its measurement. 14
10. Write short notes any two :  $7 \times 2 = 14$
- (a) Vender selection
  - (b) Stores address system
  - (c) Recycling waste disposal system.

**IX (5Yr) IMBA -DDCE - 44 (POM-Maj-3) OPC**

**2011**

**Full Marks – 70**

**Time – As in Programme**

**The figures in the right hand margin indicate marks.**

**Answer any *five* questions.**

1. What do you mean by PPC ? Briefly mention the objectives and functions of production planning and control. 14
2. Discuss the basic types of production control. Is there one type of production control which can be applied to all companies with equal effectiveness. 14
3. (a) What are the different methods used in qualitative forecasting techniques. 7+7



- (b) Find sales forecast value for 8th year using exponential smoothing techniques. ( $\alpha=0.6$ )

Year	:	1	2	3	4	5	6	7
Sales (000)	:	20	25	22	18	16	15	18

4. What is time series analysis? Explain different techniques are used in seasonal forecasting. 14
5. What is aggregate planning? Explain different types of costs associated in aggregate planning. Which types strategy will benefit to organisation. 14

6. Explain objective, functions advantages and disadvantages MRP-I. 14

7. (a) What is sequencing? How is it useful in production management? 7+7

- (b) Using Johns Rule, find out cycle time (In hour):

Job	A	B	C	D	E	F
$M_1$	3	9	4	7	8	5
$M_2$	5	5	3	2	3	6
$M_3$	8	6	8	1	5	4

8. (a) What is routing? Explain its objectives and advantages also distinguish between routing and scheduling. 7+7

- (b) What is the utility of Gantt chart as a tool of production.

9. Explain Helgeson Birries method with giving suitable example. 14

10. Write short notes any two of the following: 7+7

- (a) Scheduling

- (b) Master production Schedule

- (c) Cyclic forecasting.

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X(5Yr.)IMBA-DDCE —  
51 – POM – Min – 4 (TM)

**2012**

*Time : As in Programme*

*Full Marks : 70*

*The questions are of equal value.*

*Answer any **five** questions.*

1. What is the role and importance of Technology Management in 21st Century ?
2. Explain, in detail, technology cycle.
3. What are the factors affecting technology change ?
4. Which types of methodology is used in technology forecasting ?
5. What are the strategies that are used for development of technology ?
6. What are the generations involved in technological development ?

HD – 15/2

( Turn over )

7. What are the rules and policies to Transfer Technology ?
8. What are the models involved in technology transfer.
9. What are the technological assessment method ? Explain.
10. Explain various methods of technology forecasting.
11. Write short notes on the following :
  - (a) Management Absorption
  - (b) Transfer Package





X(5Yr.)IMBA-DDCE —  
48 – POM – Maj – 5 (LM)

**2012**

*Time : As in Programme*

*Full Marks : 70*

*The questions are of equal value.*

*Answer any **five** questions.*

1. Explain nature and scope of logistic management.
2. How logistic management is used in supply Chain ?
3. What are the qualitative models that are used for facility location ?
4. What are the factors affecting locational decision ?
5. What is the function of warehouse and how network design is used in warehouse ?
6. What is principles of layout ? Explain computerised layout planning system.

HD – 5/2

(Turn over)

7. What is vehicle scheduling ? Which types of problem faced by transport manager
8. What is logistic management ? How is it linking with inventory control system ?
9. Explain components of MRP. How is it differs from MRP – II ?
10. What are the inventory models involved in Inventory Planning Control ?



**2012**

*Time : As in Programme*

*Full Marks : 70*

*The questions are of equal value.*

*Answer any **five** questions.*

1. Explain different types of Project. What is the role and responsibilities of Project Manager ?
2. Explain different types of tender. What are the procedures to select a contractor ?
3. How do you formulate a project ? What are the criteria to feasibility of a Project ?
4. How do you estimate cost of a project using numeric and non-numeric rules ?
5. What are the phases of Project Life Cycle ?
6. How CPM and PERT is used for resource allocation in Project ?

7. Explain the utility of PMIS in Project Management.
8. What are the techniques used in cost control of Project Management.
9. What are the stages of Audit Life Cycle ? Explain.
10. Write short notes on the following :
  - (a) LOB
  - (b) Work Packaging Plan



HD - 9/2 (100)

( 2 ) X(5Yr.)IMBA-DDCE —  
49 - POM - Maj - 6 (PM)