

### SECTION-C

**Note:** Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Discuss the factors affecting make or buy decision.
- Q.4 Discuss various types of production.
- Q.5 a) Differentiate between PERT & CPM.  
b) Detail on inspections & rejection.
- Q.6 Discuss various types of plant layout.
- Q.7 Discuss the concept & relevance of production management in today's modern world.

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**3<sup>rd</sup> Sem. / IPM**

**Subject : Production & Material Management**

Time : 3 Hrs.

M.M. : 100

### SECTION-A

**Note:** Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1 a) Define production management.  
b) What is networking?  
c) Define routing.  
d) What is E.D.Q?  
e) What is short shelf life?  
f) Define LIFO method.  
g) What is JIT concept?  
h) What is rejection of work?  
i) What is expediting?

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031335/1155/N

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031335/1155/N

- j) Quality control-Define.
- k) What is bin card system?
- l) Define the term 'Inventory'.
- m) What is material handling.
- n) Define 'Production facilities'.
- o) What is plant location.
- p) Define plant layout.
- q) What is making of buying decision
- r) What is VED analysis.

### SECTION-B

**Note:** Short answer type questions. Attempt any ten parts  
10x4=40

- Q.2
- i) Discuss the scope of production management.
  - ii) Difference between product & process layout.

(2) 031335/1155/N

- iii) Discuss the objectives of material handling.
- iv) Discuss the concept of value addition.
- v) Explain in detail routing & scheduling.
- vi) Give the objectives of materials management.
- vii) Give the importance of quality control.
- viii) Discuss bin card system in detail.
- ix) Discuss 'EOQ' in detail. Explain ordering & carrying cost.
- x) Discuss the scope of materials management.
- xi) What is ABC analysis. Explain.
- xii) Difference between LIFO & FIFO system.
- xiii) What is centralisation & decentralisation purchasing differentiate between them.
- xiv) Difference between plant location & plant layout.
- xv) Detail on dispatching & expediting.

(3) 031335/1155/N