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468 (POM)

[20–HBGPOW–D3S(O)21A]

BBA 3rd Semester (Old) Exam., 2020 (W)

BBA

[BBA (S3) 10]

(Production and Operation Management)

Full Marks : 80

Time : 3 hours

The figures in the margin indicate full marks for the questions

1. Answer the following questions : 1×8=8

(a) Define production management.

(b) Define plant layout.

(c) State the meaning of 'job enrichment'.

(d) Define cycle inventory.

(e) State the concept of 'Bill of Material'.

(f) What is 'design for manufacturability'?

(g) State two dimensions of quality.

(h) What is supply chain management?

2. Answer the following questions : 2×8=16

(a) State two functions of production manager.

(b) State two advantages of 'job shop production'.

(c) State two disadvantages of 'job shop production'.

(d) Define 'job design'.

(e) State two disadvantages of high level of inventory.

(f) State two types of new product.

(g) State two benefits of quality management.

(h) What is inbound supply chain?

3. Answer any *five* from the following : 4×5=20

(a) Discuss the major factors which affect the process design decisions.

(b) Discuss the primary factors which influence in the selection of plant location.

(c) Discuss different types of inventory system.

(d) Write a short note on 'Manufacturing Resources Planning'.

(e) Discuss briefly the causes of quality failure.

(f) Why do management need a good supply chain? Explain.

4. Answer any *two* from the following : 8×2=16

(a) What is automation? Discuss different types of automation techniques applied in production and operation management. 8

(b) What is method study? Discuss different activities associated with method studies. 2+6

(c) Discuss the basic elements of production planning and control.

5. Answer any *two* from the following questions : 10×2=20

(a) Discuss briefly the process of new product development. 10

(b) Write short notes on the following : 5+5

(i) Quality in service

(ii) Quality assurance

(c) Discuss briefly 'Economic Order Quantity' and 'ABC analysis', stating its importance in inventory management. 5+5

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