No. of Printed Pages—2

57 (POM)

[17–HDGKACRM–M3]

MBA 3rd Semester Exam., 2017

PRODUCTION AND OPERATION MANAGEMENT

[MBA (S3) 10]

Full Marks : 80

Time : 3 hours

The figures in the margin indicate full marks for the questions

1. Answer any *five* from the following questions (each within *50* words) : 2×5=10

(a) Describe process design.

(b) Define facility location.

(c) Capacity planning is another aspect of production planning. Explain briefly.

(d) State any two characteristics of quality.

(e) Discuss the concept of time study.

(f) State any two applications of bar coding.

2. Answer any *three* from the following questions (each within *150* words) : 4×3=12

(a) Discuss the scope of production and operation management. 4

(b) Discuss the advantages and disadvantages of product layout. 2+2=4

(c) Write a short note on method study. 4

(d) Discuss how Just-In-Time (JIT) system can help in production management. 4

3. Answer any *three* from the following questions (each within *250* words) : 6×3=18

(a) Discuss the themes of 'six sigma' process. 6

(b) What is continuous production system? Discuss the advantages and disadvantages of this system. 2+2+2=6

(c) Discuss any two techniques of work measurement. 3+3=6

(d) Discuss any two methods of purchasing with one advantage and one disadvantage of the method. 3+3=6

4. Answer any *four* from the following questions (each within *500* words) : 10×4=40

(a) Discuss different factors which influence in the selection of location. 10

(b) Explain capacity planning. State the factors that affect capacity planning. 4+6=10

(c) Discuss the concept of acceptance sampling. Also discuss the importance of TQM (Total Quality Management) in modern business organization. 5+5=10

(d) Write short notes on the following : 5+5=10

(i) Work sampling

(ii) Project layout

(e) Discuss any five inventory control techniques. 10

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