

SEM-218

**M. B. A. (Second Semester) Examination,
June 2018**

BUSINESS ADMINISTRATION

Paper : CP-206

(Production and Operation Management)

Time Allowed : Three hours

Maximum Marks : 70

Minimum Pass Marks : 25

Note : Attempt questions of all three sections as directed.

Section-A

(Objective Type Questions) 10×1=10

Note : Attempt all questions. Each question carries 1 mark.

1. Choose the correct answer :

- (i) "Production management is the process of effective planning and regulating the operations of that section of an enterprise which is responsible for the actual transformation of materials into finished goods."

The above definition is given by :

- (a) E. L. Brech
- (b) S. Kimball
- (c) F. Folts
- (d) All of these

- (ii) The main objectives of production management can be listed as :

- (a) Specification and procurement of input resources
- (b) Production design and development
- (c) Supervision and control of transformation process
- (d) All of these

- (iii) Which one of the following objectives is not an objective of production planning and control :

- (a) Determining the nature and magnitude of various input factors to manufacture the desired output.
- (b) Unutilization of under employed resources.
- (c) To coordinate labour, machines and equipment in the most effective and economic manner.
- (d) None of these

(iv) The size of inventory depends on :

- (a) Nature of the material flow system
- (b) Amount of protection against shortages
- (c) Difference between input and output
- (d) All of these

(v) A good layout deals to :

- (a) Efficient and optimum use of machine
- (b) By minimising per unit production time
- (c) There is not an effective utilisation of floor place
- (d) None of these

(vi) Material Handling System depends on :

- (a) Nature of production process
- (b) Lay out of the plant
- (c) Building and Construction
- (d) All of these

(vii) The nature and object of work study can be explained on :

- (a) Time and motion study is primarily concerned with discovering the best ways of doing jobs and with establishing standards
- (b) To investigate and analyse the existing situation
- (c) To measure the work values
- (d) (a) + (b) + (c)

(viii) Average outgoing quality (A.O.Q.) can be defined as : <http://www.apsuonline.com>

(a) $AOQ = \frac{\text{Actual no. of defectives in the lots after inspection}}{\text{Total no. of items in lot}}$

(b) $AOQ = \frac{pP_A(N-n)}{N}$

- (c) (a) + (b)
- (d) None of these

(ix) The objectives of demand forecasting are :

- (a) To formulate the production policy
- (b) Maximum utilization of machine
- (c) Proper control of sales
- (d) All of these

(x) Which one of the following is not an objective of Network Analysis :

- (a) To complete the project within certain period
- (b) Optimum utilisation of available resources
- (c) Not to reduce the set up costs
- (d) None of these

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Section-B

(Short Answer Type Questions) 5×4=20

Note : Answer all five questions. One question from each unit is compulsory. Each question carries 4 marks.

Unit-I

2. Describe the meaning and production management.

Or

What are the line balancing problem?

Unit-II

3. What do you mean by facility layout?

Or

What are the objectives of material handling?

Unit-III

4. What are the responsibility of production manager?

Or

What are the objective of Industrial Safety?

Unit-IV

5. What do you mean by purchase management?

Or

What is JIT?

Unit-V

6. What is TOM?

Or

What are the steps in quality control program?

Section-C

(Long Answer Type Questions) 2×20=40

Note : Attempt any two questions of the following in detail. Each question carries 20 marks.

7. Give brief history of the development of production management. Where the stand today and why?

8. What do you mean by manufacturing system? Describe its features and advantages.

9. What is flow process chart? Describe its various types and the symbol used in it.

10. What do you mean by acceptance sampling? What terms are generally used in Acceptance Sampling.

11. Write short notes on any two of the following :

(i) Stores management

(ii) Time wage system

(iii) Objectives of purchasings