

(6 pages)

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M.B.A. (CBCS) DEGREE EXAMINATION,
APRIL 2023.

Second Semester

Business Administration – Core

PRODUCTION AND LOGISTICS MANAGEMENT

(For those who joined in July 2021 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. _____ responsible for all the activities related to production of goods and services.
 - (a) Production person
 - (b) Production workers
 - (c) Production personnel
 - (d) Production manager

2. Better _____ of the product improves consumers satisfaction, this enhances the goodwill of the organisation.
 - (a) Quantity
 - (b) Quality
 - (c) Shape
 - (d) Variations
3. JIT stands for just in _____.
 - (a) time
 - (b) term
 - (c) test
 - (d) today
4. The function of _____ involves the decision when, what, how and why to produce goods.
 - (a) production control
 - (b) quality control
 - (c) production planning
 - (d) method analysis
5. The manager of inventory would most likely be found in the
 - (a) finance function
 - (b) marketing function
 - (c) manufacturing function
 - (d) information system function

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6. VED analysis of inventory management stands for _____

- (a) vital essential-desirable
- (b) valuable-easy-difficult
- (c) very essentially-desired
- (d) valuable-effective-difficult to obtain

7. The decision about the lot under sampling inspection procedures can be of _____ types.

- (a) one (b) two
- (c) three (d) four

8. The purpose of acceptance sampling is to _____

- (a) sentence lots
- (b) estimate lot quality
- (c) estimate lot defectives
- (d) estimate lot conformity

9. Which of the following is not a part of supply chain management system?

- (a) supplier (b) manufacturer
- (c) competitor (d) customer

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10. Competitive advantage can be created and achieved by logistics managers by

- (a) cost advantage
- (b) value advantage
- (c) quality
- (d) cost and value advantage

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).
Each answer should not exceed 250 words.

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

Or

(b) Explain the advantages of forecasting.

12. (a) What is production planning, why is it important?

Or

(b) Describe the five steps of capacity planning.

13. (a) Explain the features of material handling.

Or

(b) Justify the necessity of maintenance management.

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14. (a) Explain the types of acceptance sampling.

Or

- (b) Determine the most effective method to identify defects.

15. (a) Discuss the challenges of multimodal transportation.

Or

- (b) Classify the common causes of bullwhip effect.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b)
Each answer should not exceed 600 words.

16. (a) Describe the factors to be considered in location planning of plants.

Or

- (b) Explain the prerequisites and pitfalls of production management.

17. (a) Explain the principles of just in time (JIT).

Or

- (b) Write some options to consider when setting up stores location.

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18. (a) Discuss the various policy options to reduce the inventory cost.

Or

- (b) Predict the various reasons for breakdown maintenance.

19. (a) Discuss the various aspects of total quality management program.

Or

- (b) Explain about the statistical quality control tools.

20. (a) Discuss the role of vendor development.

Or

- (b) Express the reasons why logistics is a future proof career.

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