

Code No. : 10416 E Sub. Code : AMBA 44

B.B.A. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2022.

Fourth Semester

Business Administration – Core

PRODUCTION AND OPERATION MANAGEMENT

(For those who joined in July 2020 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Which one of the following are not the characteristics of Operations?
- (a) Fixed output capacity  
(b) Continuous improvement  
(c) Customer Needs  
(d) Customer feedback

2. In \_\_\_\_\_ type of production system, products are produced for stocks not for orders.
- (a) Intermittent (b) Job  
(c) Continuous (d) Batch
3. Fixed position layout would be most appropriate in which of the following cases?
- (a) Fast food restaurant  
(b) Gourmet restaurant  
(c) Doctor's office  
(d) Construction of bridge
4. Which of the following is an external factor of location facilities?
- (a) Technology (b) Capacity  
(c) Economic (d) Financial position
5. Which scheduling technique should be employed when due date are important for a job order?
- (a) Master Scheduling  
(b) Backward Scheduling  
(c) Forward Scheduling  
(d) Loading

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6. The typical time horizon for aggregate planning is \_\_\_\_\_.
- (a) 3-18 months (b) Less than a month  
(c) Up to 3 months (d) Over 1 year
7. Methods study is concerned with the reduction of unproductive \_\_\_\_\_ element.
- (a) Micro motion (b) Time  
(c) Work (d) Fatigue
8. Time based maintenance consists of periodical \_\_\_\_\_.
- (a) Monitoring (b) Servicing  
(c) Scheduling (d) Repairing
9. The major strength of MRP is its capability \_\_\_\_\_.
- (a) To minimize labour hours used in production  
(b) For timely and accurate re-planning  
(c) To maximize production throughout  
(d) To reduce lead times

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10. Which of the following does not deal with the aspects of material management?
- (a) Codification of material  
(b) Store management  
(c) Materials handling  
(d) Material Requirement planning

PART B — (5 × 5 = 25 marks)

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

11. (a) Explain the scope of production management.
- Or
- (b) Explain the advantages of continuous production system.
12. (a) State the reasons for the relocation of an existing plant.
- Or
- (b) What are the disadvantages of product layout?
13. (a) Explain the different types of capacity.
- Or
- (b) Describe the functions involved in production control.

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[P.T.O.]

14. (a) What are the major components of work study?

Or

(b) Explain the various areas of maintenance.

15. (a) Mention the functional areas of materials management.

Or

(b) What are the benefits of JIT inventory?

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 relationship between Production and Marketing functions.

Or

(b) Explain the characteristics of Intermittent production.

17. (a) Discuss the factors governing plant location according to Weber's theory of industrial location.

Or

(b) State the characteristics of an efficient layout.

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18. (a) Discuss the objectives of PPC.

Or

(b) Describe the techniques used for aggregate planning.

19. (a) Discuss the procedure for method study.

Or

(b) Describe the various losses caused due to breakdown.

20. (a) Explain the procedural steps involved in MRP.

Or

(b) Discuss the various applications of ABC analysis.

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