7655

BOARD DIPLOMA EXAMINATION, (C-20)

DECEMBER—2022

DME - FIFTH SEMESTER EXAMINATION

INDUSTRIAL MANAGEMENT AND ENTREPRENEURSHIP

Time : 3 hours]   [*Total Marks* : 80

PART—A   3×10=30

Instructions : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. With line diagram, show the managerial skills needed at various levels of management.

2. Define motivation.

3. List out types of production.

4. List out different store records.

5. Define safety stock.

6. Write the advantages of preventive maintenance.

7. Define the word entrepreneur.

8. List out the various IoT applications.

9. What is the concept of TQM and how is it defined?

10. List out the various components of IoT.

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PART—B

Instructions : (1) Answer **all** questions.

(2) Each question carries **eight** marks.

(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. (a) Explain Maslow's need hierarchy theory of motivation with the aid of a sketch. 8

(OR)

(b) Explain functional organization with a neat sketch. 8

12. (a) Explain breakeven analysis as referred to industry. 8

(OR)

(b) In the table given below a list of activities and their durations is given below :

Activity	1-2	1-3	1-4	2-5	3-6	3-7	4-6	5-7	6-7	6-8	7-8
Duration (days)	6	4	1	5	8	9	3	1	0	8	2

(i) Draw the project network.

(ii) Identify the critical path.

(iii) Find the project duration. 3+3+2

13. (a) Explain ABC analysis in inventory control with graph. 8

(OR)

(b) Derive an expression for economic order quantity. 8

14. (a) Explain the direct and indirect cost of accidents. 8

(OR)

(b) Explain various industrial hazards. 8

15. (a) Describe the details of the self-employment schemes. 8

(OR)

(b) Explain market survey and demand survey. 4+4

Instructions : (1) Answer the following question.

(2) The question carries **ten** marks.

(3) Answer should be comprehensive and the criterion for valuation is the content but not the length of the answer.

16. Explain the line and staff organization structure with line diagram and explain how it is useful for large industries.

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