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C14-M-501

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**BOARD DIPLOMA EXAMINATION, (C-14)
OCT/NOV—2018
DME—FIFTH SEMESTER EXAMINATION**

INDUSTRIAL MANAGEMENT

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. Define the terms business, industry and commerce.
2. Explain the need for management in any organisation.
3. List out different types of ownerships in industry.
4. What are the differences between shares and debentures.
5. What is the philosophy of cooperative societies and write its types.
6. Define the terms Routing, Scheduling and Dispatching.
7. List out differences between PERT and CPM.
8. Explain the role of materials in industry.
9. What is inventory? Write any two advantages of inventory control.
10. List out the elements of cost.

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PART—B

10×5=50

- Instructions :** (1) Answer *any five* questions.
(2) Each question carries **ten** marks.
(3) The answer should be comprehensive and the criterion for valuation is the content but not the length of the answer.

- 11.** State the principles of the management given by Henry Fayol and explain them.
- 12.** (a) Differentiate between Management and Administration.
(b) Differentiate between Line and Functional Organisation.
- 13.** Explain the Maslow's need theory with the aid of a sketch.
- 14.** Explain the process of decision making.
- 15.** Explain how the production department is related to other departments to achieve the goals of organisation.
- 16.** Draw the network diagram of the project given below with three time estimate:

| Activity | Optimistic time | Most likely time | Pessimistic time |
|----------|-----------------|------------------|------------------|
| 1-2 | 1 | 1 | 7 |
| 1-3 | 1 | 4 | 7 |
| 1-4 | 2 | 2 | 8 |
| 2-5 | 1 | 1 | 1 |
| 3-5 | 2 | 5 | 14 |
| 4-5 | 2 | 6 | 10 |
| 5-6 | 3 | 6 | 15 |

Identify critical path, calculate project duration.

17. Explain break even analysis with the help of neat sketch.
18. Explain the various methods of purchasing generally adopted in an industry.

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