C14–M–**501**

# 4649

## BOARD DIPLOMA EXAMINATION, (C–14)
## SEPTEMBER/OCTOBER - 2020
## 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 trade and industry.

2. List out the characteristics of management.

3. List out different types of ownerships in industry.

4. Differentiate between authority and responsibility.

5. Define motivation. Mention important theories of motivation.

6. List the objectives of production planning and control.

7. Define the terms routing and scheduling.

8. State the duties of storekeeper.

**9.** List out various elements of cost.

**10.** List out various records maintained in purchase department.

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**PART—B** 10×5=50

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***Instructions*** : (1) Answer *any* **five** questions.

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

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

**11.** Explain the principles of management listed by Henry Fayol.

**12.** Define job satisfaction and discuss various factors related to job satisfaction.

**13.** Explain partnership of business. State its advantages and disadvantages.

**14.** *(a)* Explain about decision-making process.

*(b)* Distinguish between management and organization.

**15.** *(a)* Compare between PERT and CPM.

*(b)* Explain advantages and disadvantages of job production.

**16.** Draw network diagram and identify critical path of project, and also find the duration of the project :

| *Activity* | 1–2 | 1–3 | 1–4 | 2–5 | 3–5 | 3–6 | 4–6 | 5–7 | 6–7 |
|---|---|---|---|---|---|---|---|---|---|
| *Expected time* (in days) | 5 | 4 | 7 | 6 | 10 | 7 | 8 | 5 | 6 |

**17.** Explain ABC analysis in inventory control with graph.

**18.** Derive an equation for Economic Order Quantity with graph.

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