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C14–M–**501**

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BOARD DIPLOMA EXAMINATION, (C–14)
MARCH/APRIL—2017
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. Name the levels of management and give examples to each. 3

2. Define the terms administration and organization. 1½+1½=3

3. What is the need of organization structure to an industry? 3

4. Write the difference between Private Limited and Public Limited joint-stock companies. 3

5. List out different leadership models. 3

6. What are the production, planning and control? 3

7. Write the difference between PERT and CPM. 3

8. Write any three functions of purchase department. 3

9. Write the duties of store keeper. 3

10. What are the advantages of good material handling equipment? 3

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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 Scientific Management. 10

12. *(a)* Write the differences between Management and Administration. 5

(b) Explain the trait theory of leadership. 5

13. Explain line and staff organization with a neat sketch and also state the advantages and disadvantages of it. 10

14. Explain various economic incentive rewards system used in industry. 10

15. What is the dispatching? Briefly explain the dispatching procedure. 10

16. A project has ten activities, the expected time of each activity is as follows : 10

Activity	1–2	2–3	3–6	2–4	1–5	5–6	4–6	5–7	7–8	6–8
Expected time (days)	6	4	5	5	4	7	11	9	12	3

(a) Draw the network for the given project work.

(b) Identify the critical path.

(c) Find the project duration.

(d) Find the slack at each event.

17. What is concept of EOQ? Derive an expression for the EOQ. 10

18. Explain ABC Analysis Inventory control with the help of a graph. 10

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