



C23-EEVT-501

23633

BOARD DIPLOMA EXAMINATION, (C-23)

MARCH/APRIL—2026

DEEE- FIFTH SEMESTER EXAMINATION

INDUSTRIAL MANAGEMENT AND SMART TECHNOLOGIES

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. Differentiate between supervisory-middle and top-level management in any three aspects.
2. State Maslow's hierarchy of needs.
3. List different types of recruitment methods.
4. Define (a) safety stock and (b) reorder level.
5. State the functions of material management.
6. What are zero defect and zero effect in the concept of Make In India?
7. Define demand survey and market survey.
8. Define total quality management.
9. State the principles of quality assurance.
10. List the main components of IoT.

PART—B

10×5=50

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

- 11.** Explain the principles of scientific management.
- 12.** Explain the types of business ownerships.
- 13.** Explain about production, planning and control.
- 14.** (a) Draw the network for the following project (b) Identify critical path and (c) Find project duration

Activity	1-2	1-3	2-4	3-4	4-6	5-6	3-5	5-7	6-7
Duration(Days)	6	8	7	12	3	5	7	11	10

- 15.** Explain the feasibility report of any start-up plant/processing industry.
- 16.** Explain ISO 9000 standards and list the beneficiaries of ISO 9000.
- 17.** Explain the features of IoT.
- 18.** Explain the advantages and disadvantages of IoT.

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