



**C16-A-AEI-CHST-CM-ECE-EEE-GT-  
IT-M-PCT-PET-RAC-501**

**6601**

**BOARD DIPLOMA EXAMINATION, (C-16)**

**OCTOBER/NOVEMBER—2023**

**FIFTH SEMESTER (COMMON) EXAMINATION**

**INDUSTRIAL MANAGEMENT AND SMART TECHNOLOGIES**

*Time : 3 Hours ]*

*[ Total Marks : 80*

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**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 industry, commerce and business.
2. List out the advantages of partnership proprietorship.
3. State the need of planning.
4. Write the importance of RFID in material management.
5. List out different hazards in industries.
6. Write down any six characteristics of successful entrepreneurs.
7. State the principles of quality assurance.
8. Write the benefits of ISO 9000.
9. Define the term Internet of Things.
10. List out the 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 functions of management.
12. Explain the process of decision making.
13. Explain break even analysis with the aid of chart.
14. (a) What are the advantages and disadvantages of cooperative society.  
(b) Explain the terms scheduling, routing and dispatching.
15. Explain ABC analysis in inventory control with the help of a graph.
16. Explain direct and indirect losses of accidents in the factories.
17. Explain market survey and demand survey.
18. Explain smart factory and smart manufacturing.

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