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

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BOARD DIPLOMA EXAMINATION, (C-16)

JUNE/JULY—2022

DAE - FIFTH SEMESTER EXAMINATION

INDUSTRIAL MANAGEMENT AND SMART TECHNOLOGIES

Time : 3 hours]

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 industry, commerce and business.
2. Write differences among different business ownerships.
3. What are the principles of plant layouts?
4. Define safety stock and reorder level.
- * 5. What is the importance of maintenance management in industry?
6. List out the organizations that help entrepreneur.
7. What are the pillars of TQM?
8. What is PDCA cycle?
9. List the hardware and software used for IoT.
10. List advantages of IoT.

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PART—B

- 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.** (a) Explain the nature of management as a profession. 4
(b) Explain the importance of technical and human managerial skills. 6
- 12.** (a) Explain the factors of effective organisation. 7
(b) What are the differences between delegation and decentralisation? 3
- 13.** (a) Explain the philosophy and need of organisation structure in industry. 5
(b) Explain dispatching. 5
- 14.** Explain break-even analysis. 10
- 15.** Explain general purchase procedures. 10
- 16.** Explain the causes of accidents and the cost of accidents. 10
- * **17.** (a) What are the characteristics of successful entrepreneur? 3
(b) Explain the method of site selection. 7
- 18.** Explain the smart transportation and mobility. 10

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