# 7606

## BOARD DIPLOMA EXAMINATION, (C-20)

## OCTOBER/NOVEMBER—2023
### DAEI – 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. Define corporate social responsibility.

2. State the need of motivation.

3. State the differences between delegation and decentralization in any three aspects.

4. List any three objectives of maintenance management.

5. Define the terms hazard and accidents.

6. List the types of PPE.

7. Define the term 'quality assurance'.

8. Define the term 'internet of things'.

9. List any three advantages of IoT.

10. Define the word 'entrepreneur'.

## PART—B

8×5=40

**Instructions :** (1) Answer either *(a)* or *(b)* from each question.

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

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

**11.** *(a)* Explain the functions of management. 8

**(OR)**

*(b)* Explain the human resonance requirements. 8

**12.** *(a)* Explain the scheduled maintenance. 8

**(OR)**

*(b)* Explain the direct and indirect costs of accidents. 8

**13.** *(a)* Explain about 'Gas Masks' and 'Chemical Catridge Respirators'. 8

**(OR)**

*(b)* Explain about 'Air Purifying Respirators' and 'Supplied Air Respirators'. 8

**14.** *(a)* *(i)* Explain the application of IoT in the context of smart home. 4

*(ii)* Explain the key elements of quality control. 4

**(OR)**

*(b)* *(i)* Explain the application of IoT in the context of smart health. 4

*(ii)* State the importance of quality control in an industry. 4

**15.** *(a)* Explain the method of site selection. 8

**(OR)**

*(b)* Explain any of the self-employment schemes. 8

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# PART—C

**Instructions :** (1) Answer the following question.

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

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

**16.** Explain the application of IoT in the context of social network.

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