



C14-AEI-501

4607

BOARD DIPLOMA EXAMINATION, (C-14)

SEPTEMBER/OCTOBER - 2020

DAEIE— FIFTH SEMESTER EXAMINATION

INDUSTRIAL SAFETY AND QUALITY CONTROL

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 safety management.

2. List the various methods of safety management.

3. List the safety procedures.

4. Define practical safety performance measures.

5. Define safety performance.

6. Define accident.

7. List the steps involved in emergency preparedness programmes and plans.

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8. Define EMI and EMC.
9. List various standardization methods used in the industrial electronic production.
10. List the rules of effective documentation.

PART—B

10×5=50

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 role of safety committees.
12. Explain about safety operations to be performed in the industry.
13. Explain how to compute the injury rates.
14. Explain the procedures in training of employees on safety.
15. Explain the causes of an accident.
16. Explain about vibration testing.
17. Explain about environmental product testing.
18. Explain the process of preparing manual service document and test reports.

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