



C14-AEI-501

**4607**

**BOARD DIPLOMA EXAMINATION, (C-14)**

**MARCH/APRIL—2017**

**DAEIE—FIFTH SEMESTER EXAMINATION**

**INDUSTRIAL SAFETY AND QUALITY CONTROL**

*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. State the role of safety management representative.

2. Define safety management.

3. List the safety procedures.

4. State maintenance procedures.

5. Define the terms accident and injury.

6. State the safety performance.

7. State the main role of the safety professional in prevention of accidents.

- \* 8. Define the terms EMI and EMC.
9. List various testing methods of electronic components.
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 causes of an accident.
15. Explain about occupational health and industrial hygiene.
16. Explain about dry-heat testing.
17. Explain various standardization methods in the industrial electronic production.
- \* 18. Explain the process of preparing a manual service document and test report.

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