



C14-AEI-501

4607

BOARD DIPLOMA EXAMINATION, (C-14)

OCT/NOV—2016

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 the term safety management.
2. List various methods of safety management.
3. Define the terms practical and effective safety performance measures.
4. List three safety procedures.
5. State the safety performance.
6. Distinguish between accident and injury.
7. List any three steps involved in emergency preparedness programmes and plans.

- * 8. List various testing methods of electronic components.
- 9. Define random testing.
- 10. List the types of 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 occupational health and safety policy.
- 12. Explain how to compute the injury rates.
- 13. Explain the safety procedures pertaining to the storage of hazardous substances.
- 14. Explain the procedures in training of employees on safety.
- 15. Explain the role of safety professional in prevention of accidents.
- 16. Explain various standardization methods used in the industrial electronic production.
- * 17. Explain about environmental product testing.
- 18. Explain the documentation pertaining to product assembling unit.
