



C14-AEI-501

4607

BOARD DIPLOMA EXAMINATION, (C-14)

OCT/NOV—2017

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. State the role of safety committees.
2. List the various methods of safety management.
3. List the safety procedures.
4. List the safety operations in the industry.
5. Define safety performance.
6. List any three causes of accidents.
7. What is industrial hygiene?

- * 8. List three testing methods of electronic components.
- 9. List the three standardization methods of products.
- 10. List the three 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 steps to be followed in planning of safety.
- 12. Explain the safety procedures pertaining to the storage of hazardous substances.
- 13. Explain how to compute the injury rates.
- 14. Explain the role of safety professional in prevention of accidents.
- 15. Explain the occupational health.
- 16. Explain the importance of product testing.
- * 17. Explain EMI compliance testing.
- 18. Explain the documentation of product assembling unit.
