



C14-AEI-501

4607

BOARD DIPLOMA EXAMINATION, (C-14)

MARCH/APRIL—2018

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 policy.
2. List any three steps to be followed in planning of safety.
3. List safety performance measures.
4. List the maintenance procedures.
5. Distinguish between accident and injury.
6. List the environmental causes of accident.
7. What is emergency preparedness?

- * 8. State the importance of product testing.
- 9. List the testing methods of electronic components.
- 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 role of safety committees.
- 12. Explain about predictive maintenance.
- 13. Explain the procedure of storage of hazardous substances.
- 14. Explain the methods of training employees on safety.
- 15. Explain about industrial hygiene.
- 16. Explain vibration testing.
- 17. Explain EMC compliance testing.
- * 18. Explain about documentation pertaining to product assembling unit.
