



C14-AEI-501

4607

BOARD DIPLOMA EXAMINATION, (C-14)

OCT/NOV—2018

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. What is safety management?
2. State the importance of occupational health and safety policy.
3. List any three safety procedures.
4. List any three effective safety performance measures.
5. What are meant by accident and incident?
6. Define injury.
7. What is occupational health and industrial hygiene?
8. State the importance of product testing.

\* 9. What is random testing?

10. List any three rules of effective documentation.

**PART—B**

10×5=50

**Instructions** : (1) Answer *any five* questions.

(2) Each question carries **ten** marks.

(3) The 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 management representative.

12. Explain the methods to compute injury rates.

13. Describe the maintenance procedures to be performed in the industry.

14. Describe the causes of accident.

15. Explain the procedures in training of employees on safety.

16. Describe about vibration testing.

\* 17. Describe the standardization methods used in industrial electronic production.

18. Explain the process of preparing a manual service document.

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