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C14-AEI-501

4607

BOARD DIPLOMA EXAMINATION, (C-14)

JUNE—2019

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. Write any two steps to be followed in planning of safety.
2. Write any two functions performed by the safety management representative.
3. Write any two safety operations to be performed in the industry.
4. List any two maintenance procedures followed in the industry.
5. Define accident.
6. Write any two differences between accident and injury.
7. What is industrial hygiene?
8. List any three testing methods of electronic components.
9. Write any two uses of vibration testing.
10. Write the importance of documentation.

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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 committee .
12. Explain the methods to compute injury rates.
13. Describe the practical and effective safety performance measures.
14. Explain the role of safety professional in prevention of accidents.
15. Explain the causes of accident.
16. Describe the environmental product testing.
17. Explain the importance of product testing.
18. Explain the documentation pertaining to product assembly unit.

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