

4607

**BOARD DIPLOMA EXAMINATION, (C-14)
MARCH /APRIL-2019
DAEI -FIFTH SEMESTER EXAMINATION
INDUSTRIAL SAFETY & QUALITY CONTROL**

Time: 3 hours]

[Max. Marks :80

PART-A

10x3=30M

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 audit.
- 2) State the importance of safety management.
- 3) List the safety operations in industry.
- 4) List the safety performance measures.
- 5) Distinguish between accident and injury.
- 6) What is an Industrial hygiene?
- 7) List the four E's in prevention of accidents.
- 8) List the testing methods of electronic components.
- 9) State the importance of product testing.
- 10) State the importance of documentation.

PART-B

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5x10=50M

Instructions: 1) Answer any **five** questions.
2) Each question carries **ten** marks.
3) Marks will be awarded to the content but not the length of the answer.

- 11) Explain the role of safety measurement representative.
- 12) Explain how to compute the injury rates.
- 13) Explain safety performance standards.
- 14) Explain the various causes of accidents.
- 15) Explain various safety programmes and activities in prevention of accidents.
- 16) Explain
 - (a) Dry heat testing.
 - (b) Random testing.
- 17) Explain about environmental product testing.
- 18) Explain the process of preparing manual service document.

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