

4720**BOARD DIPLOMA EXAMINATION, (C-14)****JUNE-2019****DCE - SIXTH SEMESTER EXAMINATION****QUALITY CONTROL & SAFETY IN CONSTRUCTION**

Time: 3 hours]

[Max.Marks :80

PART-A**10x3=30M**

Instructions: 1) Answer all questions. Each question carries three marks.
2) Answers should be brief and straight to the point and shall not exceed five simple sentences.

- 1) List three I.S. Codes, relevant to construction field.
- 2) State three items of works for preparation of detailed specifications.
- 3) State three terminologies that are used in quality control of concrete.
- 4) Define Tolerance.
- 5) Write objectives of safety programme.
- 6) Write three basic guidelines for safety against construction equipment operations.
- 7) State two costs of construction accidents.
- 8) Write short notes on accident report.
- 9) State three safety measures for electrical accidents.
- 10) Define risk management.

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PART-B

5x10=50M

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

- 11) Describe detailed specifications for five items of works in building construction.
- 12) List the guidelines for Junior Engineers.
- 13) Explain the quality control inspection in formwork.
- 14) Explain dimensional accuracies in construction industry.
- 15) Explain the preventive methods of accidents.
- 16) Describe the safety requirements in formwork and scaffolding.
- 17) Briefly explain safety measures for fabricated components and transportation.
- 18) Explain risk management measures for controlling losses.

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