



C14-C-605

4720

BOARD DIPLOMA EXAMINATION, (C-14)

OCT/NOV—2018

DCE - SIXTH SEMESTER EXAMINATION

QUALITY CONTROL & SAFETY IN CONSTRUCTION

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 short notes on responsibilities of field officers.
2. Write any three benefits of Modular Coordination.
3. List any three points to be considered in the inspection of form work.
4. State the tolerance levels in construction industry.
5. Write any three points in fire prevention standards.
6. List any three types of construction site fall accidents.
7. Write the cause for accidents.
8. What is direct cost of an accident? List any two fire alarms used in buildings.
9. Write any three points in accident report.
10. Define Risk and Risk management.

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PART-B

10×5=50

- Instructions :** (1) Answer *any five* questions.
(2) Each questions carries **ten** marks.
(3) Answers should be comprehensive and the criteria for valuation are the content but not the length of the answer.

11. Explain the funtionalaspects of Residential Buildings.
12. Explain preparing the detailed specification from General Description.
13. Describe the control aspects of batching and mixing of concrete.
14. What is sampling plan and explain sampling risks of acceptance and rejections.
15. Describe the safety measures adopted while using construction machinery.
16. Describe the safety requirements in formwork and scaffolding.
17. Explain the general safety programmes for a construction.
18. Explain Risk management measures for controlling losses due to personnel and property in contruction.

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