



C14-C-605

4714

BOARD DIPLOMA EXAMINATION, (C-14)

MARCH / APRIL - 2019

DCE - VI 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) Answer should be brief and straight to the point and shall not exceed five simple sentences.

- 1 What are the three general construction specifications of Building ?
- 2 What are the three management aspects of Quality Control ?
- 3 Write the three things about quality control in Masonry.
- 4 What are the three often-used attribute sampling plans.
- 5 What are the safety measures against Fire Hazards.
- 6 What are the types of Detectors to be installed for fire fighting ?
- 7 Define Accident.
- 8 Write the salient features of safety programme.
- 9 Write any three safety measures to be considered for scaffolding.
- 10 Define Risk and Risk Management.

4714]

1

[Contd...

PART - B

10×5=50

- Instructions :**
- (1) Answer any **FIVE** questions.
 - (2) Each question carries **TEN** marks.
 - (3) Answer should be comprehensive and the criterion for valuation is the content but not the length of the answer.

- 11 What is the Modular Coordination and Benefits ?
- 12 What are the guidelines for Junior Engineers / Field Officers instructed by PWD and CPWD.
- 13 Explain about Quality control in concrete.
- 14 What are the Dimensional accuracies of Buildings.
- 15 What are the preventive methods of accidents in constructions ?
- 16 What are the safety measures to be taken while storage and handling Building Materials.
- 17 What are the causes of accidents and explain each.
- 18 Explain about Legal Losses and Property Losses in construction.