



C14-C-306

4225

BOARD DIPLOMA EXAMINATION, (C-14)

MARCH / APRIL - 2019

DCE - III SEMESTER EXAMINATION

CONSTRUCTION PRACTICE

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 List the loads to be considered for the design of foundations.
- 2 List any six components parts of the building.
- 3 Define : (i) Course, (ii) Stretcher, (iii) Header.
- 4 List any 3 types of doors that are commonly used in buildings.
- 5 State the classification of roofs.
- 6 List any six types of flooring in building.
- 7 Define : (i) Flight, (ii) Landing, (iii) Rise.
- 8 State the objectives of painting.
- 9 Define pointing. State three objectives of pointing.
- 10 Define energy management of building and aim of energy management of building.

4225]

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 Briefly explain the method of construction of raft foundation.
- 12 Explain about the components of well foundation along with neat sketch.
- 13 Explain briefly about the precast concrete solid blocks and hollow blocks masonry construction.
- 14 State the different types of lintels used in building and draw the sketch of an RCC lintel with sunshade and indicate the parts.
- 15 Describe the method of cement concrete floor construction.
- 16 State and explain the different types of stairs.
- 17 Explain the procedure of providing cement plastering on masonry walls.
- 18 (a) State the types of energy audit.
(b) Formulate the energy flow chart.
