C09–C–**406**

3427

BOARD DIPLOMA EXAMINATION, (C–09)
OCT/NOV—2017
DCE—FOURTH 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) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

1. State the classification of buildings as per NBC.

2. What do you understand by Ashlar stone masonry?

3. State any three functions to be considered while fixing the location of doors and windows in a building.

4. Write a short note on canopy.

5. Define the terms *(a)* ridge, *(b)* hip and *(c)* verge.

6. State the functions of flooring components.

7. What are the different types of staircases based on arrangement of steps?

8. Write a short note on terminate proofing.

9. State the different causes of failures.

10. Write any three remedies for cracks in masonry walls.

Instructions : (1) Answer *any* **five** questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

11. *(a)* Show the component parts of a building with the help of neat sketch.

(b) Explain the method of construction of raft foundation with sketch.

12. Briefly explain the various causes of dampness of buildings.

13. State the general principles to be followed during construction of stone masonry.

14. Explain the following types of doors :

(a) Panelled door

(b) Collapsible door

15. Explain the method of laying weatherproof course over RCC slab using lime concrete with brick bats and flat tiles.

16. Describe the method of form work for slab and beam with neat sketch.

17. *(a)* State any four objects of plastering.

(b) State the uses of wall putty as a decorative finish on masonry wall.

18. Explain briefly about various annual and special maintenance works in buildings.

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