



- Notes :
1. All question carry equal marks.
 2. Answer **Three** question from Section A and **Three** question from Section B.
 3. Due credit will be given to neatness and adequate dimensions.
 4. Illustrate your answer necessary with the help of neat sketches.
 5. Mention Question & answer nos. correctly.
 6. Use of pen Blue/Black ink/refill only for writing the answer book.

SECTION – A

1. a) Define Building according to national building code. Explain the classification of different types of buildings. 7

- b) Differentiate between load bearing structure and frame structure. 6

OR

2. a) Write a brief note on foundation. 7

- b) State precautions to be taken against failure of foundation. 6

- a) Differentiate between English bond and Flemish bond. 7

- b) What do you mean by Brick masonry? Define various terms involved in the brick masonry. 7

OR

3. a) Describe the general principles to be observed during construction of stone masonry. 7

- b) State commonly used types of bonds and their suitability. 7

5. a) Explain the meaning of Roof and state its types. 6

- b) State various types of floor-finishes and their suitability. 7

OR

6. a) Write a note on floors. 6

- b) Describe R.C.C. beam and slab floor with neat sketch. 7

7. a) Draw a neat sketch of Timber Door and explain its various components. 7

- b) Define window and state its purpose and location. 7

OR

8. a) Write a note on Door. State its purpose and location. 7
b) State various fixtures and fastenings used while fixing doors and windows. 7
9. a) Write a note on stairs. 7
b) Describe the process of pointing and colouring to the different types of surfaces. 6

OR

10. a) Draw plan & section of typical dog-legged staircase also describe its components. 7
b) Write a note on painting and colouring. 6
11. a) Write a note on "sound proof construction". 6
b) What is meant by damp-proofing? Explain causes and its effects. 7

OR

12. a) Explain joints and its types. 7
b) Write a note on fire-proof construction. 6

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