

312338

12526

3 Hours / 70 Marks

Seat No.

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- Instructions* – (1) All Questions are *Compulsory*.
(2) Answer each next main Question on a new page.
(3) Illustrate your answers with neat sketches wherever necessary.
(4) Figures to the right indicate full marks.
(5) Assume suitable data, if necessary.
(6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

- 1. Attempt any FIVE of the following :** **10**
- a) State two necessities of Paintings.
 - b) State two uses of bricks.
 - c) List four materials used for water proofing.
 - d) Define frog. Give two purposes of frog.
 - e) Give two necessity of scaffolding.
 - f) List four natural construction materials.
 - g) Enlist any four types of doors.
- 2. Attempt any THREE of the following :** **12**
- a) Compare LBS and framed structure. (Load Bearing structure)
 - b) Explain the suitability of termite proofing in detail.
 - c) State requirement of good building Stone.
 - d) Explain the components of doors.

P.T.O.

- 3. Attempt any THREE of the following : 12**
- a) Give the requirements of good stone building. (Any four)
 - b) Differentiate English and Flemish Bond.
 - c) Discuss the requirements of good staircase.
 - d) Describe the procedure for carrying out the plaster in cement mortar in two coats.
- 4. Attempt any THREE of the following : 12**
- a) Draw a neat sketch of 6 paralled door showing components.
 - b) Explain method of application of paint on wall surface.
 - c) Explain method of laying of flooring.
 - d) Explain type of closers with neat sketch of brick masonry.
 - e) Give 4 properties of Geo polymer cement.
- 5. Attempt any TWO of the following : 12**
- a) Classify the building as mentioned in the National Building Code.
 - b) Explain timbering and strutting with a neat sketch.
 - c) Draw vertical cross section of a wall showing various building components.
- 6. Attempt any TWO of the following : 12**
- a) Define Underpinning and list methods of underpinning. Explain any one.
 - b) What are the different part of staircase and explain any two with neat sketch.
 - c) Enlist various types of window and explain any two with neat sketch.
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