

GUJARAT TECHNOLOGICAL UNIVERSITY
B.ARCH - SEMESTER- III • EXAMINATION – WINTER • 2014

Subject Code: 1025003**Date: 24-12-2014****Subject Name: Building Construction-II****Time: 10:30 am to 01:30 pm****Total Marks: 40****Instructions:**

1. Attempt all questions.
2. Make suitable sketches wherever necessary.
3. Figures to the right indicate full marks.

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|-----|-----|---|----|
| Q.1 | (a) | Explain in brief any two of the following
Arch, D.P.C., Lock Rail, Sloped Footing. | 04 |
| | (b) | Explain in brief any one of the following
1. Classification of Foundations
2. Classification of Windows. | 04 |
| OR | | | |
| Q.2 | (a) | Discuss any four types of Traps used in the Construction. | 04 |
| | (b) | Discuss any four types of Valves used in the Construction. | 04 |
| OR | | | |
| | (b) | Discuss any four Sanitary Fixtures used in the Construction. | 04 |
| Q.3 | (a) | Write a brief note on nonferrous metals. | 04 |
| | (b) | Write a brief note on Types of Glass used in construction. | 04 |
| OR | | | |
| Q.3 | (a) | Write a brief note on Types of Tiles used in construction. | 04 |
| | (b) | Write a brief note on Types of Timber Boards used in construction | 04 |
| Q.4 | | Draft / Neatly and proportionately sketch in an appropriate scale the Plan and Elevation of a Single swing double flipped semi glassed door and label the components of the same. | 08 |
| OR | | | |
| Q.4 | | Draft / Neatly and proportionately sketch in an appropriate scale the Plan and Elevation of a Steel Grillage Foundation and label the components of the same. | 08 |
| Q.5 | | Draft / Neatly and proportionately sketch in an appropriate scale the Plan and Elevation of a Doglegged staircase and label the components of the same. | 08 |
| OR | | | |
| Q.5 | | Draft / Neatly and proportionately sketch in an appropriate scale the Plan and Elevation of a Segmental Arch and label the components of the Arch. | 08 |
