

Seat No.: _____

Enrolment No. _____

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.

- Q.1** (a) Explain in brief any two of the following **04**
Arch, D.P.C., Lock Rail, Sloped Footing.
- (b) Explain in brief any one of the following **04**
1. Classification of Foundations
2. Classification of Windows.
- 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**
