

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA IN ARCHITECTURE – SEMESTER – II • EXAMINATION – WINTER 2015

Subject Code: 3326203

Date: 01/12/2015

Subject Name: Construction Technology - II

Time: 02:30 PM TO 04:30 PM

Total Marks: 50

Instructions:

1. Attempt all questions.
2. Make Suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Supplement your answer with neat sketches wherever necessary.

- Q.1** Explain the following Terms and also draw a neat sketch for the same for any Five. **10**
1. Inspection Chamber. (I/C Chamber)
 2. Intercepting Trap
 3. Bull nose step
 4. Baluster
 5. Railing
 6. Winder
 7. Flight of the Steps
- Q.2** (a) Discuss with sketches combined footing. **05**
- OR
- (a) Discuss the precautions which should be taken for the storage of Timber **05**
- (b) Discuss the classification of the types of foundation. **05**
- OR
- (b) Discuss the difference between the Timber and Timber Board. **05**
- Q.3** (a) Discuss in detail about “Wash Basins”. **05**
- OR
- (a) Explain the term “Drainage Pipe” and discuss various types of the same. **05**
- (b) Enlist and briefly explain any five types of surface finishes. **05**
- OR
- (b) Write a short note on Non-Ferrous Metals. **05**
- Q.4** (a) Sketch and Label Single Joist Timber floor. **05**
- OR
- (a) Sketch Plan and Elevation of double leaf glazed door **05**
- (b) Write a short note on Grillage Foundation **05**
- Q.5** (a) Sketch Plan and Elevation of Helical staircase and label any five components of the same. **05**
- (b) Sketch Elevation of King Post Truss and label any five components of the same. **05**
