

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
D. ARCH - SEMESTER- 2nd • EXAMINATION – WINTER - 2016

Subject Code:3326203

Date: 18/11/2016

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.**

- Q.1 (a)** Write short note (ANY TWO) **05**
1. Balustrade
 2. Winders
 3. Hip rafter
 4. Wall plate
- (b)** Write short notes (ANY TWO) **05**
1. S trap
 2. P trap
 3. Q trap
 4. Couple roof
- Q.2 (a)** Discuss in detail about type of W C? **05**
- (b)** What is Anti siphonage pipe? Explain with sketch **05**
- Q.3 (a)** Discuss the classification of the types of pile foundation **05**
- (b)** Sketch plan and elevation of dog legged staircase and label any five components of the same. **05**
- Q.4 (a)** Differentiate between gable window and dormer window with sketch. **05**
- (b)** Explain in detail king post roof in detail with all sketches. **05**
- Q.5 (a)** Explain in brief the grillage foundation with sketch **05**
- (b)** What are cavity walls and partition walls? **05**
