

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**
