

GUJARAT TECHNOLOGICAL UNIVERSITY
BARCH – SEMESTER III– • EXAMINATION – SUMMER 2015

Subject Code: 1035002

Date: 12/05/2015

Subject Name: BUILDING CONSTRUCTION - III

Time: 02.30pm-05.30pm

Total Marks: 40

Instructions:

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

- Q.1** (a) Define The Following Terms: - Batten, Eaves, Hip, Rafter, Roof, And Verge, Valley With Sketches. **04**
- (b) Compare G.I Sheet With A.C Sheet. **04**
- Q.2** (a) Explain With Sketches:- King Post Truss, Queen Post Truss **04**
- (b) Explain With Sketches Difference Between:- Pitched Roof And Flat Roof, Clear Span And Effective Span. **04**
- OR**
- (b) Show The Details With Sketches Of Joints At The Ends Of A King Post And Queen Post Roof **04**
- Q.3** (a) Explain With Sketches Single Joist Timber Floor. **04**
- (b) Write Short Notes On Floor Boards And Floor Ceilings. **04**
- OR**
- Q.3** (a) Explain With Sketches Various Types Of Floors. **04**
- (b) Write Explanatory Notes On Different Types Of Timber Floors. **04**
- Q.4** (a) Explain Difference Between Double Flagstone Floors And Filler Joist Floors With Sketches. **04**
- (b) Explain Difference Between Single Joist Timber Floors And Double Joist Timber Floors. **04**
- OR**
- Q.4** (a) Describe Different Types Of Tubes Used For Water Supply With Minimum Two Examples Of Joints. **04**
- (b) Explain In Details With Sketches Minimum Four Sanitary Appliances Used In Toilet. **04**
- Q.5** (a) Explain With Diagram Soil And Waste Discharge System. **04**
- (b) Explain With Sketches Types Of Under Ground, Overhead And Internal Water Storage Tanks. **04**
- OR**
- Q.5** (a) Explain With Sketches At Least 2 Types Of Vaults And Its Details. **04**
- (b) Explain With sketches At Least 2 Types Of Domes And Its Details. **04**
