

GUJARAT TECHNOLOGICAL UNIVERSITY

B.Arch - SEMESTER-V EXAMINATION – WINTER 2025

Subject Code:2X55005

Date:19-11-2025

Subject Name: Building Regulations

Time:10:30 AM TO 12:30 PM

Total Marks:50

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

Q.1 (a) What are the primary components of the town planning process? and provide a brief explanation of each of the following **12**

1. Development Plans (DP),
2. Development Control Regulations (DCR), and
3. Town Planning (TP) schemes

(b) What is National Building Code (NBC)? Explain when and how and is the code referred? **6**

Q.2 (a) Identify and list all ‘Persons on Record’ as per procedural regulations? Give brief idea about roles and responsibilities of owner. **8**

(b) Describe the roles and responsibilities of Architect as person on record **8**

OR

(b) Describe the roles and responsibilities of Engineer as person on record **8**

Q.3 (a) List and describe at least four zones identified for planning as per GDCR. Explain briefly (any three) the following planning criteria for Residential Zone: **8**

1. Permissible Use
2. Margin
3. FSI
4. Parking
5. Permissible Height

(b) Explain building regulations related to performance of building to enhance fire and structural safety **8**
