

Enrolment No./Seat No _____

GUJARAT TECHNOLOGICAL UNIVERSITY

B.ARCH- SEMESTER-V EXAMINATION – WINTER 2024

Subject Code:2X55005

Date:27-11-2024

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)** Explain the following terminology with suitable sketches. (Any five) **10**
1. Atrium
 2. Basement or Cellar
 3. Built-up Area
 4. Corridor
 5. Hollow Plinth
 6. Skip Floor
 7. Refuge Area
- Q.2 (a)** Briefly introduce town planning process in Gujarat. **05**
- (b)** Write briefly on National Building Code. **05**
- Q.3 (a)** Discuss few sustainability features incorporated in GDCR. **05**
- (b)** As per prevailing GDCR, which areas are not counted towards computation of FSI. **05**
- OR**
- Q.3 (a)** What are permissible uses in basement as per prevailing GDCR? **05**
- (b)** What are the responsibilities of AOR (Architect on Record) towards project? **05**
- Q.4** Write short note on any two **10**
- a) Town Planning Schemes
 - b) Information to be prominently displayed on site
 - c) Documents and drawings to be maintained on site
- Q.5 (a)** Write different stages of obtaining development permission. **05**
- (b)** Enlist few zones as described in Development Regulations. **05**
- OR**
- Q.5 (a)** Write general requirements for provision of common plot. **05**
- (b)** Define a Dwelling unit as per GDCR. **05**
