

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BA- SEMESTER-V EXAMINATION – WINTER 2020

Subject Code:2X55005

Date:29/01/2021

Subject Name:Building Regulations

Time:10:30 AM TO 12:30 PM

Total Marks: 50

Instructions:

1. Q.1 and Q2 is compulsory.
2. Attempt any THREE questions from Q.3 to Q.6.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

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|----------------|---|-----------|
| Q.1 | Explain the following terminology (Any five) | 15 |
| | <ol style="list-style-type: none">1. Setbacks and margins2. FSI3. Ground coverage4. Building Line5. Building height6. Open spaces7. Ground coverage | |
| Q.2 | Discuss on renewable energy and its resources | 05 |
| Q.3 | What is town planning? Describe objective and Principles of town planning? | 10 |
| Q.4 | What is 'Energy efficiency'? Discuss on sustainable Energy and Energy conservation' | 10 |
| Q.5 (a) | What is site Planning and what are the factors influencing site planning? | 05 |
| | (b) Write a note on 'national building code' | 05 |
| Q.6 (a) | Describe the main purposes of zoning and Who Does Zoning Impact? | 05 |
| | (b) Write a note on 'Development control rules' and why it's necessary? | 05 |
