

B.Arch. (Sem.-V) Examination**AR 506****Building Regulations****May-2017****Time : 2 Hours]****[Max. Marks : 50****Instructions:**

- (1) All Questions are compulsory.
- (2) Use neat sketches or calculations to illustrate your answer, if necessary.
- (3) Figures on right indicate the full marks.

1. Explain any five terminologies: (10)

- a. Building Line
- b. Travel Distance
- c. Carpet Area
- d. Dwelling units
- e. Refuge Area
- f. Skip Floor
- g. High rise building

2. Describe the importance of Building Regulations for healthy built environment. (05)

OR

2. Write a short note on National Building Code. (05)

3. Describe the Town Planning Scheme mechanism of Gujarat with procedure. (10)

OR

3. list-down necessary qualified people required to obtain the building permission. How they perform their duties? (10)

4. What is NBC? Make introductory note on NBC. (10)

OR

4. Describe the relation between Development plan and GDCR. How GDCR influences design and construction of buildings? (10)

5. A building unit (plot) having a size of 20 mts x 50 mts with a 12 mts wide road on the longer side, a permissible built up area of 50% and FSI 1.8. Make a sketch and a table of plot area, permissible built up area, proposed built up area, permissible FSI and proposed FSI floor wise. (15)
