

Seat No. : _____

DA-127

December-2013

B.Arch (Sem.-V) (Regular)

AR-506 (Building Regulations) (New Syllabus)

Time : 3 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. Describe the necessity of Development Plan, procedure of preparation and names of different kinds of Zones. **10**

OR

Describe Town Planning Act-1972.

2. Explain any **five** of following : **15**

- a. Margin
- b. Cellar
- c. Common open plot
- d. Dwelling units
- e. Steps
- f. Mezzanine floor
- g. Low rise & High rise building
- h. Floor space index

3. Describe the objective of the Building Regulations. **10**

OR

Describe the list of necessary qualified people required to obtain the building permission. How they perform their duties ?

4. A building unit (plot) having a size of 27 mts × 40 mts with a 12 mts wide road on the longer side, a permissible built up area of 40% and FSI 1.5. Make a sketch and a table of plot area, permissible built up area, proposed built up area, permissible FSI and proposed FSI.

Note: maximum permissible building height is G+4.

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