

**BACHELOR OF ARCHITECTURE (B.Arch.)**

**Term-End Examination**

00355

**December, 2014**

**BARE-074 : SITE PLANNING (ELECTIVE – 1)**

*Time : 3 hours*

*Maximum Marks : 70*

**Note :**

- (i) Answer **four** questions in all.
- (ii) Question no. 1 is **compulsory**.
- (iii) Attempt any **three** from the remaining questions.
- (iv) Support your answers with sketches wherever necessary.

1. (a) Differentiate between any **four** of the following : 4×3=12
- (i) F.A.R. and F.S.I.
  - (ii) Gross density and Net density
  - (iii) Avenue and Axis
  - (iv) Scale and Proportion
  - (v) Piazza and Plaza
- (b) How will you utilise the existing natural elements (such as wind movement, solar path, vegetation, water bodies, topographies) in and around your site in planning the layout for various uses and activities ? 16

2. Explain the site planning guidelines for a Business Park / Special Economic Zone by highlighting locations for different activities and amenities. 14
  3. Elaborate and discuss the role hierarchy and importance of open spaces in designing/planning of a mixed use development in a city. 14
  4. How will you create a barrier free movement pattern for the pedestrians in and around a site with high vehicular density ? Discuss with suitable examples. 14
  5. Discuss the points of differences and commonalities between the philosophies of Kevin Lynch and Ian McHarg. 14
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