

BACHELOR OF ARCHITECTURE (B.Arch.)

Term-End Examination

00358

June, 2016

BARE-074 : SITE PLANNING (ELECTIVE - 1)

Time : 3 hours

Maximum Marks : 70

Note : Question no. 1 is compulsory. Attempt any four from the remaining questions. Support your answers with examples and neat sketches wherever necessary.

1. Write short notes on any **four** of the following :

$$4 \times 3 \frac{1}{2} = 14$$

- (a) Neighbourhoods
- (b) Transportation Spines
- (c) Geoffrey Jellicoe Natural Environment
- (d) Street Furniture
- (e) F.A.R.

2. Discuss the importance of site planning and write short notes on any three key features of site analysis. What are the off-site factors that influence a site ?

14

3. Discuss the importance of social and physical infrastructure in modern day site planning, highlighting the key features. 14
4. Differentiate between macro-climate and micro-climate with respect to site planning. Also describe how climate affects site planning. 14
5. Explain in detail the site planning features of the 'Garden City' idea by Ebenezer Howard. Elaborate by citing an example of a modern Indian city. 14
6. Explain and differentiate the urban design features of any *two* of the following : 14
 - (a) Indus Valley Civilization – Mohanjo-daro and Harappa
 - (b) Hindu Cities – Varanasi, Jaipur, Madurai, etc.
 - (c) Islamic Cities – Shahjahanabad, Bhopal, Ahmedabad, etc.
7. Explain the site selection criteria for industrial development. Also discuss in detail the factors affecting industrial location in city planning. 14