

BACHELOR OF ARCHITECTURE (B.Arch.)

00286 **Term-End Examination**
June, 2015

BARE-074 : SITE PLANNING (ELECTIVE – 1)

Time : 3 hours

Maximum Marks : 70

Note :

- (i) *Question no. 1 is compulsory.*
(ii) *Attempt any four from the remaining questions.*

1. Differentiate any *two* of the following with suitable examples : 2×7=14
- (a) Net Density and Gross Density
(b) Street Furniture and Natural Site Features
(c) Built Forms and Building Typologies
2. Enlist and explain the five elements of urban design given by Kevin Lynch. Give illustrations and examples. 14
3. Discuss the importance of site planning and write short notes on any three key features of site analysis. What are the offsite factors that influence a site ? 14

4. Discuss the importance of social and physical infrastructure in modern day site planning. Highlight the key features. 14
 5. Explain how soil, vegetation, hydrology and climate can influence site planning and built form design. 14
 6. How will you design and distribute the various facilities and infrastructure while planning a campus layout for an educational institution/university ? Give a conceptual design scheme. 14
 7. Discuss the factors that are considered while doing site planning on a hilly terrain. 14
-