

00691

No. of Printed Pages : 3

BARE-074

BACHELOR OF ARCHITECTURE (B.Arch.)

Term-End Examination, 2019

ELECTIVE : 1

BARE-074 : SITE PLANNING

Time : Three Hours]

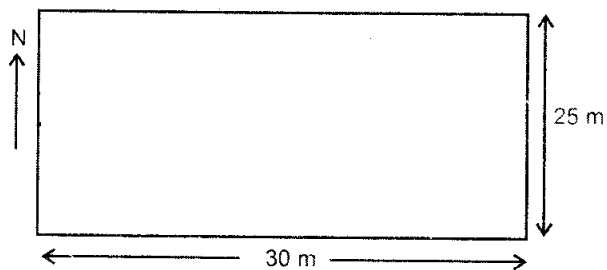
[Maximum Marks : 70

Note : Answer **any five** questions in all. Question **No. 1** is **compulsory**. Attempt **any four** from the remaining questions.

1. Write short notes on **any four** of the following : [4×3½=14]
- (a) Built up area
 - (b) Floor area ratio (F.A.R.)
 - (c) Transportation spines
 - (d) Tot-lots
 - (e) Runoff Coefficient

2. How Soil, Vegetation, Hydrology and Climate can influence site planning and built form design ? Explain in detail. [14]
3. What are the methods to control noise and dust in a project through Planning ? Explain in detail. [14]
4. Explain in detail the procedure to find out the most suitable location of a building on a site based on sun and wind movement. [14]

The dimension of the building is 15m×15m. The site dimensions are 30m × 25m.



This wind direction is from South-West to North-East. The site is located in the Northern Hemisphere (8°N Latitude).

5. Differentiate between macro and micro climate in site planning and building design. Describe how climate affects site planning. [14]
6. Explain Kevin Lynch's Contribution to site planning principles. [14]

----- x -----