

Seat No. : _____

16H-105

May-2015

B.Arch./ID/BCT, Sem.-IV (New)

AR-406 : Landscaping

Time : 2 Hours]

[Max. Marks : 50

- Instructions :** (1) Attempt **all** questions.
(2) Figures on the right indicate full marks.
(3) Draw neat sketches wherever required.
(4) Assume suitable additional data if required.

1. Differentiate between the following : (any **three**) **9**
 - (a) Annual plants and perennial plants.
 - (b) Ridge and Valley.
 - (c) Shrubs and Herbs.
 - (d) Evergreen and Deciduous trees.
2. Why knowledge of contour and topography is necessary for design development ? **8**

OR

What are the various natural elements used in landscape design ? Explain how 'water' becomes an integral part of landscape design.
3. Define the following terms with neat sketches : (any **four**) **8**
 - (a) Hardscape.
 - (b) Contour lines and Contour interval.
 - (c) Microclimate.
 - (d) Wetlands.
 - (e) Vista.
4. Write short notes on the following : (any **three**) **9**
 - (a) Study of historical background of landscape design is different from study of history of architecture in two ways – How ?
 - (b) Mention the natural, cultural & aesthetic factors which should be considered while site planning.
 - (c) What is the "Land-unit" ? What is a "Watershed" ?
 - (d) Describe the range of plants (plant material) available to the designer.

5. Briefly describe any two styles of garden from historic period with sketches. **8**

OR

Differentiate between trees, shrubs and groundcover. Select one example of each and mention their botanical name, common name, foliage, size and textural quality.

6. (1) Different types of soil. **3**
- (2) State whether the following statements are true or false and correct the false statements : (any **five**) **5**
- (a) Vegetation is a good indicator of soil and microclimate.
 - (b) Japanese Gardens have geometric layouts.
 - (c) Aquifers are artificial water bearing strata of rock, gravel or sand in which ground water is stored.
 - (d) Contour lines are lines of unequal elevation.
 - (e) U's facing downhill indicates a Ridge.
 - (f) Annual plants complete their life cycle in one year.
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