

Total number of printed pages-3

43 (5) THAR-I 5·8

2015

**THEORY OF ARCHITECTURE-I**

Paper : ARC-5·8

Full Marks : 100

Time : Three hours

**The figures in the margin indicate full marks for the questions.**

I. Answer **all** the following questions :

3×10=30

Each question contains **3** marks.

- (1) What are primary elements ?
- (2) Explain volume with sketches.
- (3) What are linear elements ?
- (4) Explain vertical planes.
- (5) Explain the term 'Form'.
- (6) What is spatial Organisation ?
- (7) What is Architectural order ?

Contd.

- (8) What is 'context' in architecture ?
- (9) What is a 'path' in Architectural design ?
- (10) Explain anthropometrics.

II. Answer **any eight** from the following :

5×8=40

Each question contains **5** marks.

- (1) Explain three basic elements of space making in Architecture.
- (2) Explain radial planning with an example.
- (3) Differentiate between approach and entrance.
- (4) Explain the process of designing of various horizontal planes.
- (5) Explain the arrangement of linear elements in any historic structure.
- (6) Explain the relationship between form and function.
- (7) Explain the function of openings in a building.

- (8) Show differences between depressed plane and elevated plane by an explanatory sketch.
- (9) Sketch two different types of entrances from historic and contemporary ages respectively.

III. Answer **any three** from the following :

3×10=30

- (1) Explain the statement 'staircase is an aesthetic element too' with the help of proper examples.
- (2) 'Windows are not only the openings in a building ; these are also communication links of outdoor spaces to indoor spaces'. Justify the statement with examples and sketches.
- (3) Appreciate your favourite Architectural work in North-east Indian context with reference to the theories of Architecture.
- (4) Explain how placement of columns can guide users' movement as well as creates rhythm to the design.
- (5) What is a built space ? What are the common methods of subdividing and built space ?