

Total No. of Pages : 01

Total No. of Questions : 04

B.Arch. (Sem.-1)
ARCHITECTURAL DESIGN AND THEORY-I
Subject Code : AR-121
M.Code : 45002

Time : 6 Hrs.

Max. Marks : 85

INSTRUCTION TO CANDIDATES :

1. **Students are required to attempt THREE questions in ALL. Question no. 1 is COMPULSORY. Use appropriate scale. Draw neat drawings/sketches.**
1. a) Create a pattern using geometrical shapes and design a 3000mm square or circular carpet for a five star hotel lobby. (25 marks)
- b) Using three dimensional forms such as cube, cuboid, cone & cylinder, design a mural of size 3000mm×2000mm depicting the skyline of any Indian city. Any shape can be repeated. All shapes should be used in the mural design. (25 marks)
2. Enlist and explain the various elements of design with appropriate sketches. Also explain the principles of design with sketches. (17.5 marks)
3. Explain the need of scale and proportions in architecture. Give at least five examples of various types of buildings to support your answer. Draw neat sketches. (17.5 marks)
4. What is the need of anthropometrics in designing and functioning of spaces? Also explain modular and golden section with appropriate sketches. (17.5 marks)

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.