

B.Arch. - 1st - Architecture
PRINCIPLES OF ARCHITECTURAL DESIGN

Time : 3.00 Hours

Full Marks: 70

Answer Q.No.1 and any five from the rest

The figures in the parenthesis in the right hand margin indicate marks

Assume any other data wherever necessary

- Q.1 (i) What do you understand by an architectural style ? (2 X 10)
(ii) Define the term Architecture.
(iii) Mention any four projects of Le-Corbusier.
(iv) Classify texture with examples.
(v) What do you understand by visual design elements ?
(vi) State the physical factors w.r.t. climatic responsive architecture .
(vii) State any four design features of Villa Savoye?
(viii) Name the architect along with his one project known for Purism.
(ix) Explain modular system.
(x) Difference between climate and weather.
- Q.2 What are the role of an architect towards the culture and society. Briefly explain the architectural services rendered by an architect. (10)
- Q.3 (a) State the six integral components of a design (5)
(b) Discuss the principles of architectural design with all necessary sketches. (5)
- Q.4 (a) Write down the classification of common grids in the design application. (5)
(b) How does a design principle change the perception of a viewer ? (5)
- Q.5 (a) What do you understand by the term Visual Design Principles ? Explain briefly about any two design principles with its respective categories and suitable examples. (10)
- Q.6 (a) Explain the philosophy of Le Corbusier. (5)
(b) Discuss the salient features of a project designed by him. (5)
- Q.7 Write short notes on (answer any four) (2.5 X 4)
(a) Domino House
(b) Rough texture
(c) Environmental variables
(d) Balance
(e) Design Studio
(f) Computer Aided design
- Q.8 Discuss briefly about any three types of Architecture , its style and the architectural accomplishments. (10)