

THIRD SEMESTER DIPLOMA EXAMINATION IN ARCHITECTURE
OCTOBER -2016
PRINCIPLES OF DESIGN

(Maximum marks: 100)

(Time: 3 hours)

PART - A

(Maximum Marks:10)

Marks

I. Answer the following questions in one or two sentences. Each question carries 2 marks.

1. Draw entablature of a Greek Doric Order
2. What is meant by represented plan?
3. Define axis.
4. What is visual perception?
5. What is meant by conception of ideas?

(5 x 2 = 10)

PART - B

(Maximum Marks:30)

II. Answer any FIVE of the following questions. Each question carries 6 marks.

1. Explain the features of domes employed during historic periods.
2. Explain the design element-plane.
3. What is datum? Explain.
4. What is meant by personal character?
5. What is binocular vision?
6. What is meant by contemporary movement in architecture? Explain the influence of economy on contemporary architecture.
7. Explain the relation between clothes used by people and the buildings they lived. Give an example from Victorian period.

(5 x 6 = 30)

PART - C

(Maximum Marks:60)

(Answer one full question from each Unit. Each full question carries 15 marks)

UNIT - I

III a. Write short notes on architectural features of following periods:-

- 1) Classical period 2) Romanesque period 3) Gothic period

(12)

b. What is meant by trabeated style?

(3)

OR

IV a. A perspective view is the best means of visualization. Comment on it.

(8)

b. Write features of Romanesque openings.

(7)

UNIT - II

V a. Write short notes on:- 1. Proportion 2. Scale 3. Balance

(15)

OR

VI a. Write short notes on:- 1. Repetition 2. Symmetry 3. Transformation

(15)

UNIT - III

VII a. What is meant by optical illusion?

(5)

b. What is meant by Muller Lyer illusion?

(5)

c. What is aerial effect?

(5)

OR

VIII a. What is meant by Gestalt Law of grouping?

(3)

b. Write short on:- 1. Law of proximity 2. Law of closure

3. Law of Symmetry 4. Law of similarity

(12)

UNIT - IV

IX a. Explain the relation between religion and architecture

(8)

b. Explain how climate influenced plan and decorative element.

(7)

OR

X a. Write short notes on:- 1. Perspective 2. Esquisse 3. Poche

(15)