

FOURTH SEMESTER DIPLOMA EXAMINATION IN ARCHITECTURE—
OCTOBER, 2013

HISTORY OF ARCHITECTURE – I

[Time : 3 hours

(Maximum marks : 100)

PART—A

(Maximum marks : 10)

Marks

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

1. Define architecture.
2. What is meant by Torana.
3. Draw the view of Khanda Kalasa in Orissan temple.
4. Draw the view of dome over Taj Mahal.
5. Who wrote Manushyalayachandrika ?

(5×2=10)

PART—B

(Maximum marks : 30)

II Answer *any five* of the following. Each question carries 6 marks.

1. Explain how the geological factors influenced the development of architecture in India.
2. Explain features of Vedic architecture.
3. Draw the view of Pida duel and Rekha duel and mark Bada, Chhapra and Kalasa.
4. Compare Rathas and Mandapas.
5. Write features of buildings constructed during the reign of Shahjahan.
6. What is meant by Squinch system ? Write an example.
7. Draw the line sketch of a Nalukettu and mark :

(i) Pooja (iii) Kitchen

(ii) Poomukham (iv) Well

(5×6=30)

PART—C

(Maximum marks : 60)

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

UNIT—I

- III (a) Explain with sketches the architectural features of Chaithya Hall. 8
 (b) Explain with sketches the architectural features of Ashoka Sthambha. 7

OR

- IV (a) Explain with sketches the architectural features of Stupa at Sanchi. 8
 (b) Explain with sketches the features of Jain temple. 7

UNIT—II

- V (a) Explain with sketches the architectural features of the SUN temple at Konark. 8
 (b) Explain the evolution of the North Indian temple. 7

OR

- VI (a) Explain with sketches the architectural features of the Chola period. 8
 (b) Explain with sketches the features of Vijayanagar architecture. 7

UNIT—III

- VII (a) Explain the features of Mughal gardens. 8
 (b) Explain with sketches the features of the mosque at Fatehpur Sikri. 7

OR

- VIII (a) Explain with sketches the architectural features of Alai Darwaza. 8
 (b) Explain with sketches the tomb architecture of Sayyid and Lodhi. 7

UNIT—IV

- IX (a) What are the materials used in traditional Kerala architecture? Explain how laterite and wood were used in traditional Kerala architecture. 8
 (b) Explain the techniques used to construct roof in traditional Kerala architecture. 7

OR

- X (a) What is meant by Panch-Praakaram in Kerala temple? Explain the features of Akathe Balivattom. 8
 (b) Draw the line sketch of a typical Kerala temple and mark the parts. 7
-