

TED (15) – 4181

Reg. No.....

(REVISION — 2015)

Signature .....

FOURTH SEMESTER DIPLOMA EXAMINATION IN  
ARCHITECTURE — APRIL, 2017

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. What is meant by sun window ?
2. Draw view of tower over Khajuraho temple.
3. State the function of minars in mosque.
4. What is the shape of arch used in Alai Darwaza ?
5. Define VASTUVIDYA.

(5×2=10)

PART — B

(Maximum marks : 30)

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

1. Explain town planning concepts of Indus Valley Civilization.
2. Illustrate with sketches three architectural features of typical vihara.
3. Draw plan of Lingaraja temple at Bhubaneshwar and mark the parts.
4. State the role of :— (i) arabesque and (ii) calligraphy in Islamic architecture.
5. Describe with sketches the Islamic method of constructing domes over square plan.
6. Draw the top view of a typical Kerala temple and label :  
(i) Srikovil                      (ii) Namaskara mandapam                      (iii) Flag post
7. Explain how the climate influenced the development architecture in Kerala.

(5×6=30)

## PART — C

(Maximum marks : 60)

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

## UNIT — I

- III (a) Illustrate with labelled sketches eight architectural features of Chaitya hall at Karli. 10  
 (b) Explain how geological factors influenced development architecture in India. 5

OR

- IV (a) Explain with sketches eight architectural features of Asoka Pillar at Sarnath. 10  
 (b) Draw the view of a Stupa and mark : — (i) harmika (ii) thorana and (iii) vedika 5

## UNIT — II

- V (a) Illustrate with labelled sketches eight architectural features of Sun temple at Konarak. 10  
 (b) Explain three architectural features of Ashta Shakthi Mandapam of Meenakshi temple at Madura. 5

OR

- VI (a) Illustrate with labelled sketches on evolution of North Indian temple. 10  
 (b) Draw the view of Brihadeswara temple at Thanjavur. 5

## UNIT — III

- VII (a) Illustrate with labelled sketches any eight architectural features of Alai darwaza at Delhi. 10  
 (b) Draw the view of tomb of Ghiyas ud din Tuglaque. 5

OR

- VIII (a) Illustrate with labelled sketches any eight architectural features of Buland Darwaza at Fathehpur Sikri. 10  
 (b) Draw the view of Birbal's house in Fathehpur Sikri. 5

## UNIT — IV

- IX (a) Illustrate with sketches following architectural features of a typical Kerala temple.  
 (i) Koothambalam (ii) Sreekovil 10  
 (b) Draw a vertical section through Ara and Nilavara of a typical Kerala residence and mark ara, nilavara and nira. 5

OR

- X (a) Illustrate with labelled sketches the architectural features of ekasala and dwisala. 10  
 (b) Explain any two materials used in construction of traditional buildings in Kerala. 5