



B.E DEGREE EXAMINATIONS: APRIL/MAY 2016

(Regulation 2013)

Sixth Semester

CIVIL ENGINEERING

U13CETE15 : Traditional Architecture

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. (a) (i) Explain in detail any one example of Pandyan Architecture. (10)
(ii) Enumerate the important features of Shore Temple in Mahabalipuram. (10)

(OR)

- (b) (i) Write an essay on rock cut productions of Pallava Architecture. (10)
(ii) What are the various structural concepts used in Temple Architecture (10)

2. (a) (i) Write an essay on the development of temple forms. (10)
(ii) Differentiate the saivate and vaishnavite temple (10)

(OR)

- (b) (i) Why do you need to study temples in present-day? (10)
(ii) Explain the significance of Tanjore Big Temple. (10)

3. (a) (i) Enumerate the differences between North Indian and south Indian temples (10)
(ii) Write an essay on different sculptural forms in Southern Traditions (10)

(OR)

- (b) (i) Explain the different space and its uses in Temple Architecture (10)
(ii) Explain the significance of paintings in southern traditions with examples. (10)

4. (a) (i) Explain the different construction techniques used in Chola architecture. (10)
- (ii) Explain the role of a Civil engineer in preserving temple architecture. (10)

(OR)

- (b) (i) How does structural load act in the temple Gopurams? Explain it with sketches. (10)
- (ii) What is the different construction techniques used in temple architecture? (10)
5. (a) (i) Explain the different principles of preservation of traditional architecture. (10)
- (ii) Explain the different roles of professionals in restoration of Monumental/Temple projects. (10)

(OR)

- (b) (i) Why we have to conserve the traditional buildings and temple? Discuss the role ASI in conservation works. (10)
- (ii) Explain any one successful preservation case study in India/abroad (10)
(Temple/Monument Structure)
