



**B.E DEGREE EXAMINATIONS:MAY 2015**

(Regulation 2009)

Sixth Semester

**CIVIL ENGINEERING**

CEE221:Traditional Architecture

**Time: Three Hours**

**Maximum Marks: 100**

**Answer Five Questions**

**PART A (5 x 20 = 100 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 saivite and vaishnavite temple (10)  
**(OR)**
- b) (i) Why do you need to study temples in present-day? (10)  
(ii) What is the relevance of Vastu Shastra in present day context? (10)
- 3 a) (i) What are the different structural forms in Western traditions? (10)  
(ii) Write an essay on different sculptural forms in Southern Traditions (10)  
**(OR)**
- b) (i) How one tradition does influences the other tradition? Explain with examples. (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) What are the different limitations in using stone and timber as building materials? (10)  
**(OR)**
- b) (i) How does structural load act in the temple Gopurams? Explain it with sketches. (10)  
(ii) What are 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) What are the different techniques of load transfer in arches? (10)  
(ii) Explain any one successful preservation case study in India/abroad (10)  
(Temple/Monument Structure)