



Register Number:.....

**B.E DEGREE EXAMINATIONS: NOV/DEC 2014**

(Regulation 2009)

Sixth Semester

**CIVIL ENGINEERING**

CEE221: Traditional Architecture

**Time: Three Hours**

**Maximum Marks: 100**

**Answer All Questions**

**PARTA (5 x 20 = 100 Marks)**

1. a) (i) Discuss how Gupta dynasty handled the expansion of temples and sacred places?  
(ii) Explain in detail any one example of Pandiyan Architecture.

**OR**

- b) (i) What are the different principles used in temple architecture?  
(ii) Enumerate the important features of Shore Temple in Mahabalipuram.

2. a) (i) Explain the role of sculpture in temple architecture with examples.  
(ii) Write an essay on the development of temple forms.

**OR**

- b) (i) Write an essay on Indian Aesthetics.  
(ii) Give the importance of Mayamata in architecture.

3. a) (i) What are the different structural forms in Southern traditions?  
(ii) Explain the various construction techniques employed in the temple during Chola, and Nayak style.

**OR**

- b) (i) Write an essay on different sculptural forms in Northern traditions.  
(ii) Differentiate the traditional characters of Eastern and Western Traditions.

4. a) (i) How are Gopurams built? Explain with neat sketches.  
(ii) What are the different limitations in using stone and timber as building materials?

**OR**

- b) (i) Explain the role of brick and lime mortar as construction materials in temple architecture.  
(ii) What are the structural characters of Indian temple architecture?

5. a) (i) What are the ethics to be followed in preserving temple architecture?  
(ii) What are the different techniques used in preservation of Pillars and beams?

**OR**

- b) (i) Differentiate domes, arches and vaults with neat sketches.  
(ii) Explain any one successful preservation case study in India (Temple/Monument Structure)

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