

GUJARAT TECHNOLOGICAL UNIVERSITY
B.ARCH. - SEMESTER–III EXAMINATION – WINTER 2015

Subject Code: 1035004

Date: 05/12/2015

Subject Name: History of Architecture – I

Time: 10:30am to 12:30pm

Total Marks: 50

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1 (a) Mention the chief parts of a typical Hindu temple. Explain with plan and elevation. **10**

OR

(a) Describe the design and significance of stepped well. Explain with plan and section. **10**

Q.2 (a) Describe the religious beliefs behind Buddhist architecture. **02**

(b) Explain with sketches the design of **Any One**. **08**

(i) Buddhist Chaitya Hall **OR** **(ii)** Buddhist Stupa.

Q.3 Write short notes on **Any Two**. **10**

- a)** Lingaraja temple of Orrissa in Nagara style.
- b)** Typical Stambh/Monolithic pillars of Buddhist architecture.
- c)** Design and significance of 'Gopuram' in Dravidian temples.
- d)** Sun Temple of Modhera in Gujarat.

Q.4 (a) Distinguish between a Dravidian style Temple and a Nagara style Temple. **10**

OR

(b) Write short notes on **Any One** of the following Historical Temples. **10**

(i) Khajurao temples **(ii)** Kailash temple at Ellora **(iii)** Virupaksha temple.

Q.5

Answer **Any One** from following:

10

- a) Explain with sketches the classification of “**Shikharas**” in Nagara style.

OR

- b) Explain the characteristics and principles of “**Vedic Architecture**”.

OR

- c) Explain **Early Hindu temples forms**. Elaborate on the Lad Khan temple at Aihole and Durga temple at Aihole.