

**B.ARCHITECTURE 2ND YEAR 1st SEMESTER EXAMINATION, 2024**

**EVOLUTION OF ARCHITECTURE – I**

*Time - 3 Hrs*

*Full Marks: 100*

- Notes:** a) *Question 1 is Compulsory*  
b) *Answer any 4 from the rest*  
c) *Relevant sketches are required in support of ALL answers*

1. What is the principle behind Buddhist Architecture? Name the different building types in Buddhist Architecture with examples. Draw and name the plans one freestanding building and one rock-cut building example found in Buddhist Architecture. (2+4+14 = 20)
2. Write short notes on: (Any 4) (4x5 = 20)
  - a) Cupola.
  - b) Great Mosque, Samarra.
  - c) Prehistoric Site at Carnac, France.
  - d) Dharmaraja Ratha, Mahabalipuram.
  - e) Mirhab.
  - f) Gol Gumbad, Bijapur.
3. Explain with examples and sketches the use of geometry in Mughal architecture. (20)
4. Name the foundation elements found in the First Societies? What are the classifications of the different rock formations used in the early settlements? Name and draw the example of a typical residential building in one of these early settlements. (2+6+12=20)
5. Explain the design principles followed by the settlements of the Indus Valley civilisation. Name and draw the plan of one public building mentioning its location. (10+10=20)
6. Explain the architectural features and details of Imperial Architecture as seen in Lutyens Delhi with relevant sketches. (20)
7. What is the Chola mandalam? Which temples are known as the Great Living Chola Temples? Which style of Temple Architecture do they follow? What are the main architectural features of the Chola temples? (3+3+1+13=20)
8. Differentiate between the different architectural styles demonstrated by the Slave Dynasty, Khilji Dynasty and Tughlaq Dynasty with relevant examples and sketches. (20)