



24804286

QP CODE: 24804286

Reg No :

Name :

B.ARCH DEGREE REGULAR/SUPPLEMENTARY EXAMINATION, AUGUST 2024

Fourth Semester

BACHELOR OF ARCHITECTURE

19AR408E3 - ELECTIVE 1: TRADITIONAL ARCHITECTURE OF KERALA

2019 Admission Onwards

E9CE0072

Time: 3 Hours

Max. Marks : 100

Part A

Answer any six questions out of Eight.

Each question carries 5 marks.

1. Explain Bahmanda and Pindanda in connection with built space.
2. Define Mandala in Vasthu shastr.,
3. What is the significance of Veedhi vinyasam?
4. Explain the primary conditions, proportions and dimensions considered in designing ekasala.
5. Compare Gunavistaram and Ishtadeergham.
6. Explain Nalukettu with neat sketch.
7. What is a mahakshethra? Give one example with illustration.
8. Sketch a Gopuram Showing its different parts.

(6×5=30)

Part B

Answer any four questions out of six.

Each question carries 10 marks.

9. Elaborate the concept of marma using the physical planning of a shala.
10. Explain the Characteristics of a good Site according to the Vastu shastra. How the site is tested for evaluating it's suitability for construction?





11. Draw the basic layout of Nalukettu and Ettukettu houses in Kerala . Explain the spatial arrangement of it .
12. How did nalukettu evolve as a housing typology in Kerala? Discuss its origin and growth.
13. What is iconography? Explain the role of Talamana in the iconography of Kerala temples.
14. According to Vastusasthra, how towns are catagorised with respect it's activity? explain with schematic sketches.

(4×10=40)

Part C

Answer any two questions out of Four.

Each question carries 15 marks.

15. Explain the ancient method for fixing cardinal directions on a site and discuss its significance in ancient Kerala.
16. Explain basic unit system in Traditional Architecture with help of neat illustrations. Compare it with modern scale?
17. Explain how passive ventilation is achieved in a nalukettu and expand on the spatial qualities of verandah and nadumuttam.
18. How does a mahakshethra influence a settlement. Expand using an example from Kerala.

(2×15=30)

