

TED (15) 6185
(Revision -2015)

Reg. No.....
Signature

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE, OCTOBER/NOVEMBER – 2018**

TRADITIONAL ARCHITECTURE

[Maximum Marks: 100]

[Time: 3 Hours]

PART - A

[Maximum Marks: 10]

(Answer *all* questions in one or two sentences. Each question carries 2 marks)

- I. 1. List out the basic categories of vastu.
2. Identify qualities of 'supadma' category of site.
3. Enlist 'ayadishadvargams';
4. Define 'ekasala', 'dwisala' and 'trisala'.
5. Differentiate 'brahma-nabhi' and 'griha-nabhi'. (5x 2 = 10)

PART-B

[Maximum Marks: 30]

(Answer any *Five* of the following questions. Each question carries 6 marks)

- II. 1. Write about the climatic precautions taken in traditional buildings.
2. Explain the philosophy of 'brahmanda' and 'pindana'.
3. Identify the categorization of dimensional systems and basic units.
4. State the characteristics of ideal site for human habitation.
5. Brief about 'aayam-vyayam' and its ideal condition.
6. Mention 4 'Khandams', their positions and qualities in a site.
7. Explain the parts of 'nalukettu' with the help of a sketch.

(5x 6 = 30)

PART-C

[Maximum Marks: 60]

(Answer *one* full question from each Unit. Each question carries 15 marks)

UNIT-I

III. Explain the development of Kerala architecture with influencing factors. 15

OR

IV. a. Write about the roles of each kind of 'silpin' at a site. 8

b. Brief about the resource materials, connect and their authors in vastu. 7

UNIT – II

V. Differentiate between the dimensional systems-'angulamana' and 'yavamana' With diagrams. 15

OR

VI. Explain the system of 4 and 9 'vithis' in site analysis. 15

UNIT – III

VII. Classify and comment on the planning principles on sites according to size 15

OR

VIII. Explain the method of finding out 'ayadi-shādyargam' of a building and its significance. 15

UNIT – IV

IX. Explain the phases of development of residence from 'ekasala' to trisala' 15

OR

X. (a). Draw the 4 types of 'trisalas' and identify their qualities with respect to directions. 8

(b). Draw the 3 types of 'nalukettu' and identify their qualities with respect to directions. 7