

**FOURTH YEAR B.A.R.C.H. DEGREE EXAMINATION, APRIL/MAY 2005****Elective I—KERALA VASTUVIDYA**

(1998 Scheme)

Time : Three Hours

Maximum : 100 Marks

*Answer all questions.**Give appropriate sketches wherever necessary.*

I. Attempt any five from the following :

- (a) Climatic influences in Kerala Architecture.
- (b) Chaturssala.
- (c) Vastupurusha in Paramasayikapadam.
- (d) Desirable/undesirable slopes of land according to Thachusastheam.
- (e) Brahmasthan.
- (f) Aya-vyaya concept.
- (g) Cross section through an ornamental pillar made of wood.
- (h) Inner scheme of Kerala temple.

(5 × 5 = 25 marks)

II. (a) What are the factors which lead to the development of vernacular architecture in Kerala.

*Or*

(b) "Religious complexes often function as social spaces in traditional planning"—Comment.

III. (a) Describe a roof system showing straight and inclined rafters with the help of a plan and section.

*Or*

(b) Describe with a neat sketch the positioning, construction and use of gables in traditional Kerala residences.

IV. (a) Elaborate the planning concept of vastushastra.

*Or*

(b) Discuss the order of preference of sales with reference to Ekasala and Dwisala.

V. (a) Discuss the relevance of traditional architecture in the present context.

*Or*

(b) Discuss in detail the transformation of typical roofing patterns from traditional to modern times.

VI. (a) Describe the procedure for locating buildings in small plots according to Vastuvidya.

*Or*

(b) Describe some of the salient aspects of Laurie Baker's approach to Vastuvidya.

(5 × 15 = 75 marks)