

S.No. : 452

AR 301

No. of Printed Pages : 03

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 0111

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B. Arch Examination 2019-2020

(Odd Semester)

ARCHITECTURAL DESIGN - III

Time : 2×6 Hours [Maximum Marks : 100

Note :- (i) Attempt all questions.

(ii) All sheets to be submitted at the end of 2nd day.

(iii) Assume data wherever necessary.

(iv) Use appropriate scale for drawings where not mentioned.

1. What do you understand by the term 'BASIC STRUCTURE FORMS' in relation to space and materials? Support your answer with neat sketches. 10

[P. T. O.]

2. A socio-religious group wishes to develop its activity centre to cater to the following needs.
- (i) Meditation-cum-discourse hall with a sitting capacity of 250 persons.
 - (ii) Office space to accommodate 4 persons.
 - (iii) Guest-cum-visitor room to accommodate 2 persons.
 - (iv) Dining hall to accommodate 50 persons at a time, with attached kitchen and washroom.
 - (v) General toilets .

The centre has a flat piece of land, measuring 100m x 50 m with 9m wide road on one of its shorter sides while the other side faces a river, flowing at about zoom distance, parallel to it.

You are required to select an appropriate structural system, suitable for the project duly justify in the concept and explain your design with the help of the following drawings :

(a)	Site Plan (1 : 200)	15
(b)	Floor plans (1 : 100)	40
(c)	Elevations and sections (1 : 100)	20
(d)	Rendered view	15

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