

Sl. No. 294

AR 901

No. of Printed Pages : 5

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

PAPER ID : 0141

Roll
No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

B. Arch Examination 2019-20

(Odd Semester)

ARCHITECTURAL DESIGN-IX

Time : Eighteen Hours]

[Maximum Marks : 100

- Note :-** (i) All sheets shall be submitted at the end of three days.
- (ii) The drawings completed on the first and second day shall be left on the drawing board of the individual student and the examination hall will be sealed on both days.
- (iii) Assume any missing data.

1. INSTITUTE OF ENVIRONMENTAL STUDIES AND RESEARCH

[P. T. O.]

Institute of environmental studies and research aims to promote research activities along with formal post-graduate studies. The site measures 60 mt. \times 100 mt. abutting 240.0 mt wide road on the south. You are required to give a sensitive design solution for the same for the following requirements.

Space requirements (Administration)	Carpet area in Sq. mt.
1. Entrance lobby with waiting and reception	100
2. Administrative office for 2 staff	30
3. Director's cabin with attached toilet	30
4. Meeting room with pantry	80
5. Staffroom with 4 cabins	40
6. Research and publication cell	40
7. Store and xerox facilities	20
8. Male and female toilet	As required

ACADEMICS

- | | |
|--|---------|
| 1. Lecture halls 4 no. for
30 students | 40 each |
| 2. Laboratory 2 no. (Botany and Zoology) | 80 each |
| 3. Environmental lab | 100 |
| 4. Computer lab for 30 pcs | 60 |
| 5. Audio visual room for 40 students | 60 |
| 6. Library with issue counter,
reading and stack area | 500 |
| 7. Toilet for male and female | |

Public Areas

1. Auditorium for 150 capacity with green room.
2. Exhibition and display areas.
3. Cafeteria with kitchen and indoor seating for 30 persons.

Outdoor Areas

1. Amphitheatre for 150

/ P. T. O.

A

AR 901

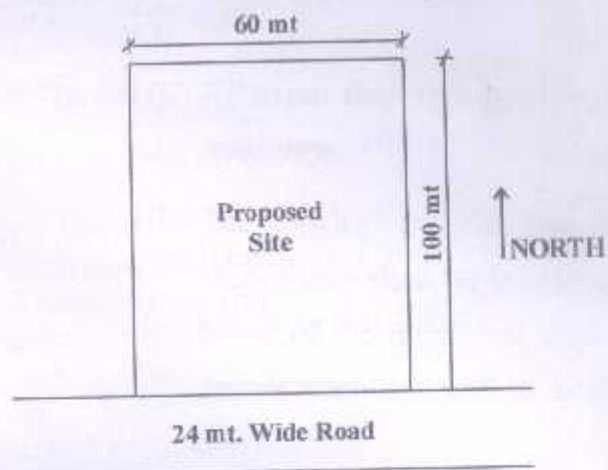
4

2. Botanical garden
3. Nature Trail
4. Parking - 10 four wheelers
 - 60 two wheelers
 - 1 mini bus

Note:

1. - Toilet areas and numbers are to be provided adequately.
2. - Circulation and allied areas should not exceed 40% of the carpet area.
3. - Height of the building not to exceed 15 m.
3. - Ground coverage not to exceed 30% of plot area.
3. - Set backs : 9 m front set back
6 m rest three side set back
4. - Site services to be indicated on site at appropriate locations.
5. - Landscape details to include outdoor interactive areas, botanical garden and natural trail.
- 7.
8. Drawing requirements (at suitable scale)

- | | |
|-------------------------------|----|
| 1. Concept | 10 |
| 2. Site plan and site section | 20 |
| 3. Floor plans | 40 |
| 4. Building sections (2 Nos.) | 10 |
| 5. Elevations (2 Nos.) | 10 |
| 6. View/Sketches | 10 |



⌘⌘⌘⌘