

2013

ARCHITECTURAL DESIGN-II

Time Allotted : 3 Hours

Full Marks : 70

*The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words
as far as practicable.*

Answer any *one* questions. (Please submit all rough work)

1. In a hot and humid region, there is a clearing in a forest of size 15m X 15m with a solitary tree of high crown and trunk diameter of 800 mm, at its centre.

A. Design a weekend retreat in this clearance, with the following minimum requirements :

- a) A family space of 5mX 8m with a sit out of any size as desired by you
- b) A bedroom of 5m X4m with bathroom of adequate size
- c) A pantry of 2m width with sink.

You can use a combination of any building materials for this design. Assume suitable north direction and leading pathway through forest.

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B. Draw dimensioned and labelled floor plan with site showing how the view of the forest may be enjoyed by visitors. Draw any one section through your design. Render both. Use 1:50 or any appropriate scale.

16 + 12 + 12

2. A bus route that passes alongside a charming river in a hot and humid region, has infrequent service.

A. Design a bus stop on the pedestrian walkway beside the river, with the following minimum requirements :

- a) A sheltered area of 5m · 15m for weather protection but not foregoing visibility.
- b) Adequate seating for passengers and visitors to

the riverside within this sheltered area.

c) Wall space for information (maps and schedules)
and advertisements.

d) Adequate signage.

You can use a combination of any building materials for
this design. Assume suitable north direction.

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B. Draw dimensioned and labelled plan and front elevation
of your design. Render both. Use 1 : 50 or any
appropriate scale.

16 + 12 + 12