

B. Arch Part II 3rd Semester Examination, 2010

AR 305: ARCHITECTURAL DESIGN -1

Time: 6 hours

Full Marks: 70

The accompanying sketch shows the site plan for A **UNIVERSITY GUESTHOUSE** to be constructed within the campus of a premier academic Institute in North Bengal. This facility is meant for only the **esteemed guests** of the Institute such as, external examiners, reviewers, jury members etc; who would be visiting the campus on official invitation.

The campus is away from the city area; surrounded by hill ranges, tea gardens and with very well designed landscaping. The design must take care of the potential of the natural setup and serenity of the site.

Design the UNIVERSITY GUESTHOUSE with the following requirements:

1. Guest rooms (twin-bed) with attached toilet and balcony : 4 nos @ 25.0- 30.0 sq.m.
2. Reception and Lounge with seating capacity of 20 persons : 50.0 sq.m
3. Dining area for 20 persons :40.0 sq.m
4. Kitchen, Store and Wash : 35.0 sq.m
5. Parking space for 10 cars
6. Accommodation for caretaker and night watch man : 45.0 sq.m

Necessary Information:

Maximum. Ground Coverage	: 30%
Minimum Front Open Space	: 3.0 mt
Minimum Rear Open Space	: 5.0 mt
Minimum Side Open Space	: 3.0 mt
Maximum Permissible Height	: 7.0 mt

Drawing requirements:

- Site plan with landscaping [scale 1: 200]
- Floor plan(s) with furniture layout [scale 1:100]
- Section - 1no. [scale 1:100]
- View (s)

