

Day: Tuesday To Thursday -

Date: 5.5.2015 To 7.5.2015

10.00 A.M. 4.00 P.M. (Without
Time: Break first Day

Max. Marks: 200

10.00 A.M. To 5.00 (Break
1.00 To 2.00)

N.B.:

- 1) Your design proposal shall be evaluated as a whole.
- 2) First day's sketch to be submitted at the end of 6th hour. These drawings shall not be returned to the candidates; therefore a due record of the same should be retained for subsequent days.
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- 4) Assume suitable data if necessary.
- 5) The drawings should be explanatory with structural scheme and should have clarity in the plans and sections.

SENIOR CITIZENS' HOUSING AT TALEGAON

Seniors need specialized housing catering to their needs. What started in early 19th century in the USA to cater to housing for seniors mainly through the interventions of religious groups and charitable bodies is now recognized in the USA as a prominent asset class. In contrast to senior living in the west, the concept of housing for seniors as a specific asset in India continues to have social stigma associated with it, which has restricted the growth of sector at large. There is, however, now a growing realization amongst urban households, who in the last 20 years have witnessed a marked increase in nuclear families, that families are no longer equipped to take care of their aged family members. In this changing social environment, concepts such as contemporary retirement resorts are becoming acceptable and popular. While this has prompted developers to come up with projects targeting the independent seniors, the country is yet to see integrated continuing care retirement communities.

Hence the students are expected to design a housing community for senior citizens which would cater to,

- a) Well- heeled empty nester couple
- b) Aging retiree facing early or advanced signs of constant health care needs
- c) Non-resident coming back from outside India or from other state.
- d) Short term stay seniors wanting to stay fro 3-6 months a year.

The housing would be based on Refundable deposit fee model

The project site is in Talegaon, near Lonavla Maharashtra because of its health care accessibility, connectivity to major cities like Mumbai and Pune and social and aesthetic Ecosystem

The design must allow understanding of:

- a) Building process in terms of materials, structural systems etc.
- b) Detailed usability of each space with circulation and furniture layouts.

AREA STATEMENT

The community will house 110 units in the form of:

- 1) Independent living to be shown as future expansion of footprint 3500 Sq.M- as future expansion
- 2) Assisted living

3) Continuous care

Sr. No	Space	Area / Unit	Total Area (Sq. M)
1.	Assisted living (twin sharing) -living, pantry, Two Bedrooms with attach Toilet and care takers room with attach Toilet	80Sq.m each -30 units	2400
2.	Continuous care-living bedroom with attach Toilet care taker room with attach Toilet	45Sq.M Each -30 units	1350
3.	Food and dining facilities Dining hall with Kitchen for 75 people capacity	-	200
4.	Recreational facilities Common T.V. room with projector facility for 50 people	-	75
5.	Health facilities a) Yoga Hall b) Consulting rooms- c) Sick beds- d) Physiotherapy room	25.00 Sq. M each 2no 25.00 Sq. m each 4 nos	100 50 100 50
		Total	300
6.	Administration a) Entrance Lobby b) Reception c) Manager's cabin d) Conference Hall e) Accounts Department f) Counseling room g) Store	- - - - - 50Sq.m each 2 nos	50 50 50 50 50 100 10
		Total	360
7.	Staff Residences a) 1 room and Kitchen b) Twin sharing	45Sq.m each 4 nos 25Sq.m each 10 nos	180 250
		Total	430
8.	Library		75
9.	Daily Need Shops	2 nos	40
10.	Maintenance and Laundry		50
11.	Guest House with lobby, meeting room, store common for all guest rooms Guest room will have one bedroom with attach toilet and a small pantry	30Sq.m each 5 nos	150
12.	Open areas a) These would include: garden areas, amphitheater, swimming pool, party lawn walking track etc. b) Parking i) Member's Parking ii) Visitor's Parking iii) Staff	Cars -50 nos Cars -10 nos 2 wheeler -10 nos Cars 5 nos 2 wheeler - 10 nos Ambulance parking-1 nos Buses - 2 nos	

Drawing Required:

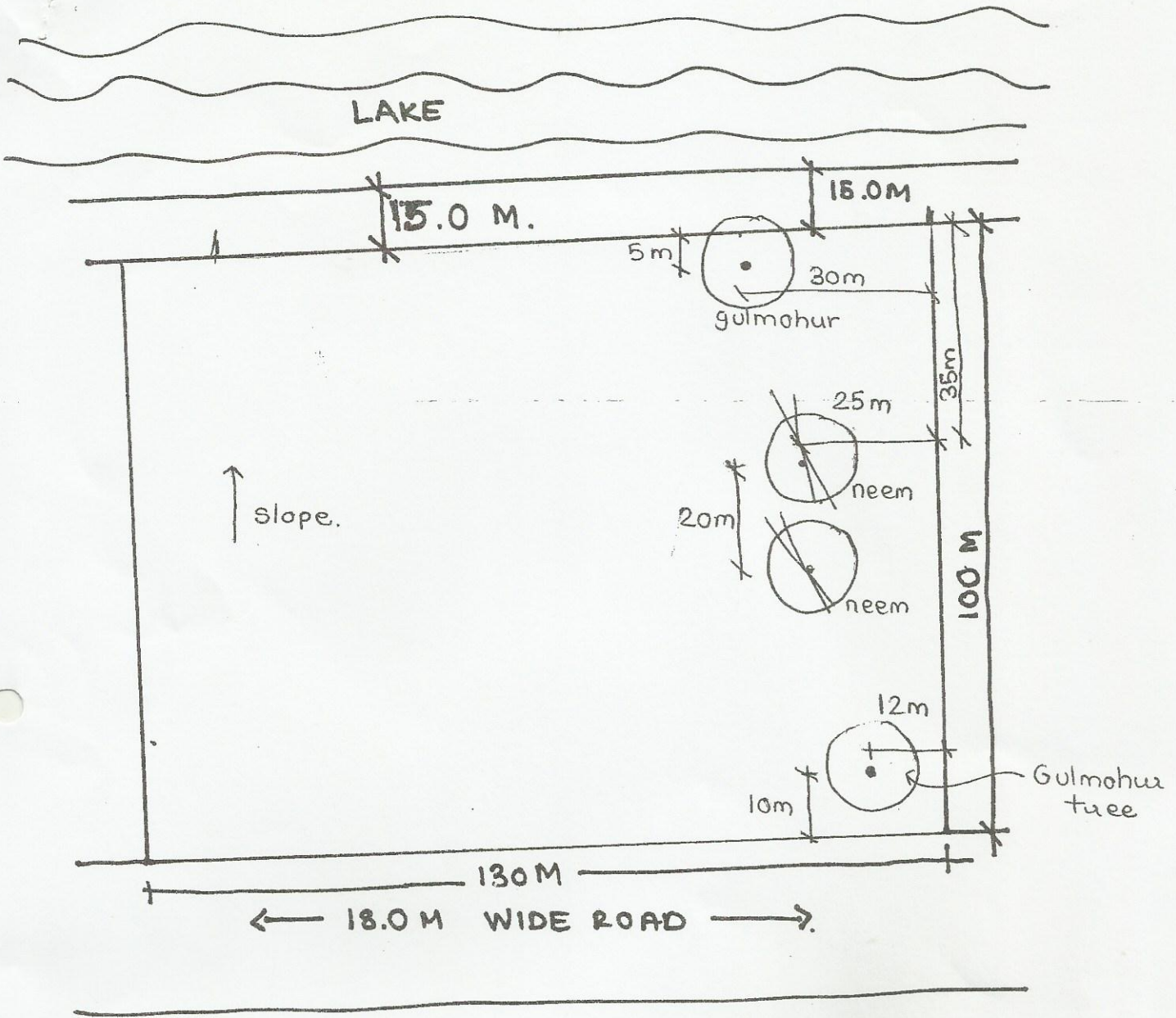
First day:

1. Single line campus layout showing buildings with surrounding site development (1:400)
2. Single line floor plan at (1:400)
3. Single line section (1:400)

Third Day:

1. Design ideas and approach
2. Site plan showing roof plan with sciography and surrounding site development (1:400)
3. All floor plans with internal layout (1:200)
4. Two sections (sufficient to explain the scheme) (1:200)
5. Two elevations (1:200)

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SENIOR CITIZENS' HOUSING IN
LONAVALA.



Day: Tuesday To Thursday.
Date: 03-05-2016 TO 05-05-2016

10:00AM TO 4:00 PM (Without Break (First Day))
Time: 10:00AM TO 5:00 PM.
(Break: 1:00 PM TO 2:00 P.M.)
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NURSING COLLEGE AT PUNE

A well established charitable trust running a hospital in Pune has proposed to start a Nursing college for women attached to the hospital providing diploma, degree and post graduate courses.

The selected plot for the Nursing College is fairly flat and rectangular in shape having 90m east- west and 60m north- south dimensions. It has 18m wide road on south side. The existing hospital is on north and east side. West side plot is reserved for the proposed hostel building.

The requirements are as follows: -

Note - Figures to right indicate carpet area in square meters.

- Adequate areas to be provided for passages, lobbies, staircases, toilet blocks etc.
- Circulation areas are over and above the given areas.
- Adequate number of toilets to be provided as per the requirements.

1. ADMINISTRATION :

Sr. No	Space	Area (Sq. m)
1.	Entrance hall reception and waiting	60
2.	Administrative office	60
3.	Principal's office with attached toilet, visitors waiting	60
4.	Conference	60
5.	a) Staff room with attached toilet.	60
	b) 4 staff (professor's) cabin attached to staff Room, 15 sq m each.	60
6.	Pantry for staff	15
7.	Store room	15
8.	Toilet block	as per norm to be provided

2. ACADEMICS:

Sr. No	Space	Area (Sq. m)
1.	Small class rooms 4 nos. of 60 sq. m each	240
2.	Large class rooms 4 nos. of 90 sq. m each	360
3.	Laboratories – Nursing Art	120
4.	Laboratories – Community Health	60
5.	Laboratories – Nutrition	60
6.	Nursing Museum	120

3. LIBRARY:

Sr. No	Space	Area (Sq. m)
1.	Entrance hall with bag storage areas	30
2.	Reading areas (newspaper and periodicals etc)	30
3.	Book stacking area	150
4.	Reading area for serious referencing	90
5.	Study carrels 10 nos. 6 sq. m each	60
6.	Librarian's cabin	20
7.	Space for photocopying	12
8.	Store	10

4. OTHER AREAS:

Sr. No	Space	Area (Sq. m)
1.	Audio – visual room	60
2.	Seminar hall	60
3.	Computer room	60
4.	Workshop	30
5.	Students common room with attached toilet	60
6.	Canteen with kitchen, store room, washing areas and pantry	80 50

5. Parking :

Sr. No	Space	Nos.
1.	Buses	2
2.	Cars	6
3.	Two Wheelers	50

Design Parameters:

- i) Minimum side margins from all sides 6.0 m.
- ii) Maximum permissible height of building is 15m.
- iii) Maximum ground coverage is 50% of the plot area.

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Drawings Required:

First Day:

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|-----|---|--------|
| i) | Single line layout plans showing site, buildings,
parking, driveways, pathways, landscaping etc. | 1: 200 |
| ii) | Single line plans at all levels | 1: 200 |

Final Day:

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|------|--|--------|
| i) | Layout plan showing site, building, parking driveways,
pathways, landscape, services etc. | 1: 200 |
| ii) | Plans at all levels should be shown with internal layout | 1: 200 |
| iii) | Minimum two sections to explain the scheme | 1: 200 |
| iv) | Minimum two elevations | 1: 200 |
| v) | A sketch perspective or bird's eye view | 1: 200 |

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