

FY - B.Arch UG
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**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE -
RAIGAD -402 103**

Mid Semester Examination – March - 2019

Branch: B.Arch. (First Year)

Sem.:- II

Subject with Subject Code: Architectural Design-II

Marks: 60

(AR10020001)

Date: - 11/03/2019

Time: - 6 Hr.

Instructions: - 1.The candidates are instructed to work SIX hrs. Enlodge.

2. The design will be valued as a whole.

A Weekend Home

A businessman from Aurangabad wishes to construct a WEEKEND HOME for his family at Mhaismal where he can spend some quality time with his family once in a month and refresh mind & body for the next days of the month.

His family consists of **four** members only—

The businessman himself-45 years

His wife (housemaker) - 42 years

Son (College Going) --- 17 years

Daughter (School going) --- 12 years.

Many a times their friends with family also accompany them for the weekends. The plot owned by the businessman is located at Mhaismal surrounded by greenery and waterbody.

Design a weekend home responding to the climatic conditions and the expectations Of the client. It should provide serene and pleasant environment for rejuvenation of mind and body.

A. Design Requirements----

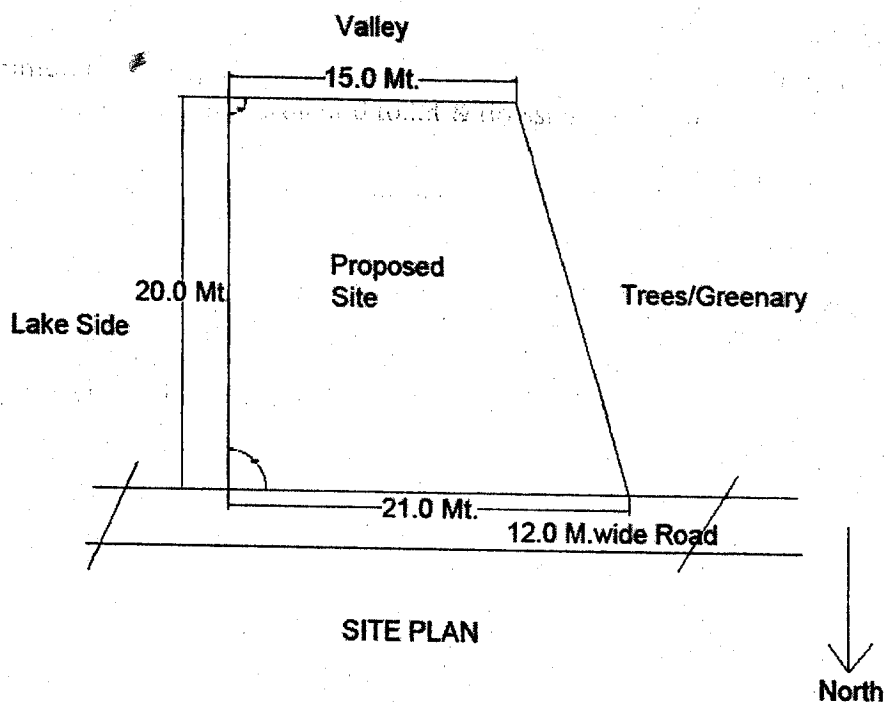
1. A car porch -----18 sq.mt.
2. Entrance lobby/verandah -----6 sq.mt.
3. A drawing hall + dining area----- 25-30 sq.mt.
4. Kitchen/ pantry + Store----- 12-15 sq.mt.
5. Common toilet (separate WC and Bath with wash basin) -----8-10 sq.mt
6. Master bed room with attached toilet & dressing ----- 20-15 sq.mt
7. Guest or Children bed room with attached toilet ----- 15-20 sq.mt
8. Outdoor landscape area. As per design.

B .Site details:-

The site is surrounded by trees having beautiful valley view on one side and lake view on the other side.

The approach road is 12 mt.wide.

The site is as per follows---



C.Drawing Requirements: -

1. Site Plan with landscaping----1:100
2. All floor plans----- 1:50
3. Two side Elevations---- 1:50
4. Two sections ----- 1:50
5. Sketch perspective view.

Side Margins are

1. Front =4.5 mt
2. All three sides= 2.3 mt.