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AR-801

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

PAPER ID : 8554

Roll No.

B. Arch.

(SEM. VIII) EXAMINATION, 2006-07

ARCHITECTURAL DESIGN - VIII

Time : 18 (3 × 6) Hours]

[Total Marks : 100

- Note :**
- (1) *Use any information that may facilitate the design which is otherwise not provided.*
 - (2) *Use appropriate scale which suits the size of the sheet provided.*
 - (3) *All drawings need to be collected at the end of the third day and are not to be packed separately.*
 - (4) *The examinations hall shall be sealed at the end of day one and two.*

Multiplex at Lucknow

Preamble :

With the advent of branded consumer products, the whole gambit of how we used to shop around has undergone complete transformation, especially in Lucknow. To give consumer a better value for their money, a shopping centre in the present context per force has to offer added facilities

where shopping, recreation and businesses simultaneously – under one roof, as far as the family is concerned. As a result of which the concept of multiplexes has been on the rise in Lucknow. People have accepted the idea of multi-activity centers as an efficient and appropriate concept in the life style of a growing Lucknow for better time management as these have tended to offer facilities to all members of a family and individuals can perform chores according to their likes and differing choices. The said multiplex proposes to have activities of interest for all age groups and cater to various tastes, central to which will be a number of cinema halls but besides this recreational activity it will include eating places, book stalls, show-rooms, a bowling gallery and gymnasiums and health clubs.

Requirements :

1. An activity centre with tentative requirements as ;

Cinema Halls	:	4 Nos., each for 250 persons
Snack counter	:	80 sq.m
Ice Cream Parlor	:	75 sq.m
Beauty Parlor	:	50 sq.m
Restaurant	:	200 sq.m
Video Games	:	75 sq.m
Creche	:	40 sq.m
Toys Library	:	40 sq.m
Cyber Café	:	60 sq.m
Bowling Alley	:	250 sq.m
Pool Club	:	100 sq.m

2. An departmental store : 1000 sq.m
3. A fitness and Health club with facilities such as :
 - Gymnasium : 120 sq.m
 - Swimming Pool : 150 sq.m
 - Sauna, Steam bath and Jacuzzi : 130 sq.m
 - Cloak and Changing Rooms : 60 sq.m
4. Sufficient no. of parking to support all these facilities.
5. Adequate provision of staircases, lifts, escalators, AHU's fire control room, toilets, etc.

Byelaws and Building Regulations :

FAR	:	1.5
Ground Coverage	:	30%
Set Backs	:	Front 12 m. Side 9 m.
Parking	:	1 car space for every 100 sq.m of area
Basement	:	Double basement allowed Area of one not to be counted for FAR calculations.

Fire escapes will not form part of FAR

Site :

The site is rectangular in shape measuring 200 m. x 300 m shorter side faces the road. It is located on Lucknow-Kanpur National Highway. The highway is on the west of the site. There is a proposed amusement park on the southern side of the site. The area earmarked for SEZ is on the opposite side of the site on the high-way. LDA has a proposal for a residential development on the north and the East side of the site.

Drawings required :

1. Concept sheet
2. All plans (including site plan) in appropriate scale
3. At least two elevations
4. Two sections
5. One perspective view in the form of sketch properly rendered.