PAPER ID-310629

Roll No: | | | | | | | | | | | | | |

B ARCH
(SEM-V) THEORY EXAMINATION 2020-21
ARCHITECTURAL DESIGN - V

Time: 12 Hours ***Total Marks: 75***

Note:

- Read instructions carefully, attempt accordingly.
- Marks will be given for neat drafting work
- Use of various colour media, sketch pens etc. is permitted.
- Assume any missing data
- The examination shall be held on 2 days. The drawings completed on the first day shall be left in the examination hall & shall be completed and submitted on the second day.

MULTIPLEX AT AGRA

Agra is fast developing as a city with opportunities available for all types of commercial ventures. The big houses are investing in various projects in the city which has led to the up gradation of the status of city. A multiplex is proposed in a posh residential neighborhood of Agra to cater to urban youth for the city.

The site is rectangular in shape measuring 200m X 300m, shorter side faces the road. It is located on Agra – Delhi National Highway. The highway is on the west of the site. There is a proposed amusement park on the southern side of the site. ADA has a proposal for a residential development on the North and the East side of the site.

Design the multiplex with the use of functional spaces and evolution of different structural systems.

Requirements:

1. An activity center with tentative requirements as:
   - I. Cinema hall (4 nos) — each for 250 person
   - II. Snack counter — 100 sq.m
   - III. Ice cream parlor — 75 sq.m
   - IV. Restaurant — 200 sq.m
   - V. Video games — 75 sq.m
   - VI. Toys library — 40 sq.m
   - VII. Cybercafé — 60 sq.m
   - VIII. Bowling alley — 250 sq.m
   - IX. Pool club — 100 sq.m
2. Departmental store — 1000 sq.m
3. Cafeteria — 300 sq.m
4. A fitness and health club with facilities:
   - I. Gymnasium — 120 sq.m
   - II. Swimming Pool — 150 sq.m
   - III. Changing rooms — 60 sq.m
5. Sufficient no. of parking to support all these facilities.
6. Adequate provision of staircases, lifts, escalators etc.

Justifying your design ideas through following: -

a)	Concept		**(10 Marks)**
b)	Site Plan	(1:500)	**(15 Marks)**
c)	All Floor Plans	(1:200)	**(25 Marks)**
d)	Two Elevations &Two Sections	(1:200)	**(15 Marks)**
e)	Interesting View		**(10 Marks)**