PAPER ID-310392

Subject Code: RAR801

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

BARCH
(SEM III) THEORY EXAMINATION 2020-21
Architecture Design-VII

Time: 7 Hours ***Total Marks: 75***

Note: 1. Assume any missing data wherever necessary & mention the same.
2. Two Butter sheets to be provided for sketch work, no marking will be considered for the work done on butter sheets, Final work should be composed on 3-4 cartridge sheet/ gateway (max. 4 sheets).
3. The drawings should be self-explanatory in all aspects mentioned.
4. The orientation of all the plans/layout must be maintained.

DESIGN PROBLEM: – BUSINESS CENTRE

A **Business Centre** is a professionally managed commercial facility that offers end-to-end business infrastructure for short to medium term durations. Clients can choose from a wide range of flexible options based on their specific space and infrastructural requirements. A Business Center has everything that you may need to run your business in the most-efficient manner. So, whether it is copiers, fax, printers, scanners, contemporary furniture and decor or high-speed internet connectivity, you'll get everything in a Local Business Centre. Moreover, you'll also have trained staff to answer your telephone calls and meet your administrative needs. The Address Office has an exceptional Business Center that gives you the liberty to devote more of your precious time and energy to your seminars, informal meetings and employer's workshops and manage them in a synchronized way. It is a relationship without long term commitment. If you need a temporary office space, Business Center comes as a great option to go for. The fact of the matter is, you can enter easily and you can exit easily.

PROBLEM & REQUIREMENTS

Amongst India's leading developers of highest quality Commercial Property, Logistics & Industrial parks and Business Centres, Apeejay Real Estate under Apeejay Surrendra Group owns and operates many well equipped ready to use private offices in the name of Apeejay Business Centre.

Apeejay Business Centres are modern, premium workplaces synonymous with accessibility, business suitability and commercial viability which cater to the topmost business houses and hundreds of mid-segment organisations and young entrepreneurs. Fully furnished plug and play workspaces in prime city centre spots, flexible co-working options from ABC offer immediate cost-effective access to essential business and administrative services, coupled with state-of-the-art technology, IT connectivity and communications.

You had to design one of the Apeejay business center for Apeejay Surrendra Group at Nodia Sector-143B.

Following are activities & spaces to be provided –

i) Multipurpose hall: **For the large business gathering for about 500 people with stage, backstage, Green room 2 Nos. Public entrance & VIP entrance, Pre function area, Wash room for ladies & gents. The area may be about 950 sq.m. in all.**

ii) Business Inter-action Circle : **Conference room two Nos. for 40 persons each. Two meeting rooms each for 25 persons. Product or Material display room 100 sq.m. Workshop two Nos. each of50 sq.m. Also provide Pantry, Store, Wash room's etc for this section.**

iii) Knowledge Centre: **Provide Multimedia lab of 50 sq.nr. Member's library of 80 sq.m., Information center of 60 sq.m., Two Hardware workshops**

	of 40 sq.m. Each. Two lecture halls of 70 sq.m. Each. Faculty's office area for l0 teaching staff.
iv) Food Court:	**Make provision for Cafeteria with indoor & outdoor eating for 40persons each. Dining hall for 40 persons. Necessary Kitchen, Pantry, store, Utility, beverage storage, Staff room etc.**
v) Service spaces / activities	**Stair cases, fire stairs, lifts, wash rooms, parking. Electric room parking. etc. to provide where necessary.**

SITE:

The rectangular site for the business center measures 300 mtr x 260 mtr being surrounded by three road. The main approach is by 45 mtr Road other two are of 30mtr wide. Near to 75 mtr wide Noida Expressway.

Setbacks: Front: 6mtr, Right & Left Side 6.0 mtr, Rear 6.0 mtr

50% ground coverage is allowed with FAR: 1.5, maximum Height allowed is 18mtr.



Existing Site

Plan of Sector 143, Noida

Drawing requirement:

Q1.	**Explain the concept of the design through evolution sketches**	**(10)**
Q2.	**Draw various plans to describe your design solution**	**(40)**
Q3.	**Draw 1 important elevation & 1 important section**	**(20)**
Q4.	**One interesting view**	**(5)**