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NAME

Munir Khan.

Roll No

7752

Subject

Architecture of Town
Planning.

Submitted To

Alina Babar.

Q1(A)

The difference between town
 Planning & architecture is noted
 The ~~Two~~ Town Planning expressed
 in era The Architects reveals
 its spirits.

In the end difference between
 Architecture & urban design
 in the lens which you observe
 the world around you. To
 will be using the same thought
 processes and applying the same
 logic when designing something
 on any scale - but the information
 that you use as a starting pt
 what makes the difference

Town Planning deals with the
 functional & physical planning
 of the built environment It
 works in larger scale than
 Architectural design providing it
 with a context.

Architecture by definition is
the art of building. It continues
where Urban Planning finished and
works with scale 1:1000 1:1

The architect's places the
building on the site often regulated
by a town plan and designs the
building by a town plan and
designs the building by giving
form to the spaces needed to
perform the intended functions.

Q1(b)

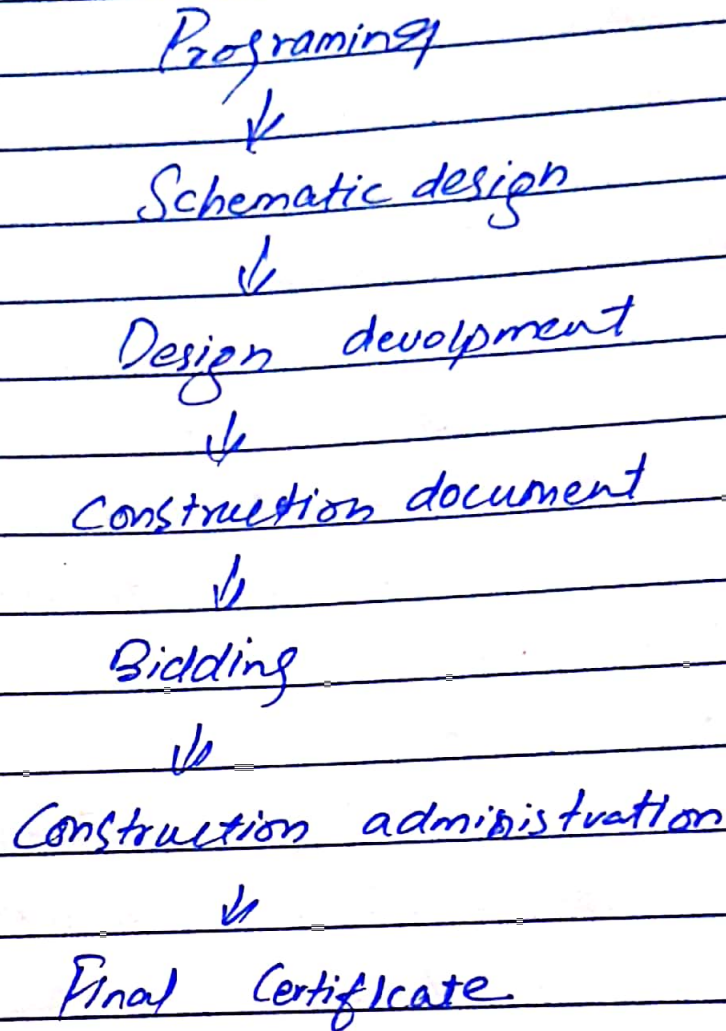
Among Frame Structure & load bearing Structure the Frame Structural are economical but it is convenient only for one structure mean you make ground +1 as higher you go various loads come into play which load bearing structures are insufficient to counter.

→ I recommend Frame Structure for building a 3-story apartment building because

- (1) Speedy construction due to simplicity in geometry
- (2) Rigid & stable.
- (3) Reduced dead-load absent of thick shear wall etc.
- (4) Flexible utilization of space.
- (5) Adapable to almost any shape that's why I recommend for 3-stories building.

Q.2

Building design Process.



c) Programming -

we would see
The Programme of activities
mean what activities is going
on. masjid, school, masjid etc
and see the user needs.

~~Schematic design.~~

Initial discussion.

⇒ what we need In Project
expenses, e.t.c.

① client meeting is also done
in initial discussion.

② Buiding Programme -

Purpose users

Private Project building e.t.c

③ Client requirment mean you
tell him I am busy or Free you
can tell him.

(3) Project Scope -

only Provide -

mean Site visit not include

→ Brief architecture Sevrice Provide.

→ Initial discussion we see
client life style mean
modern, old e.t.c.

→ Project team, you can decide all
These, e.t.c

Site analysis.

We advice

Site analyse, choose This
one, or this one. Zoning Permit,

Planning Permit -

Legal requirement - building bylaw

Schematic design.

-2- Site analysis.

Three types

Microsite analysis-

we see

Satellite map above top-

major focus on your own place.

long term distance, Population-

We would see the weather-

(2) Meso Site analysis-

only see

highlighted see mean see location

highlight the site. Focus on your

place, zone, site, latitude e.t.c

Culture,

(3) Micro site analysis-

more detailed

view, Sun Path, road, soil test e.t.c.

available service.

Schematic design.

we will

design scheme

three type.

- Space Relationship diagram
- Bubble diagram- arrangements,
- Conceptual Plant Building zone.
- Initial Floor Plan. - Scheme.
- PRELIMINARY Design-

→ Design development:-

Stage, you can change otherwise
you will pay -
You can see individually one
one, spaces, bed, Plank, furniture,
Fixture -

→ Construction document.

design change to Communication
How to communicate Construction-
Sent document to engineer e.t.c
every field of Engineer.

→ Bidding-

Bidding ^{done in} Big Project
Contractor can make bid-
For example - 4 Companies apply
we can see all bid & we
Choose and Then start.

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Construction administration.
we will do

Site Supervision -

Site visit

* Final Certificate

when complete

The Project give ~~the~~ The Final
Certificate -

Maintenance manual, HVAC
occupy the Building -

Q3

(A)

Step 2 Given to

$$\text{Lot Area} = 10,000 \text{ s.ft}$$

$$\text{F.A.R} : 1:01$$

Suppose I have to design
building with given ratio
The building having 4+2 floor

Each floor^{area} of building = ?

All Floor Area = ?

As we know:

$$\text{Floor Area} = \text{F.A.R}$$

Let area

First we find the Total Floor Area = x

$$\text{So } \frac{x}{10,000} = x = 0.1 \text{ F.A.R}$$

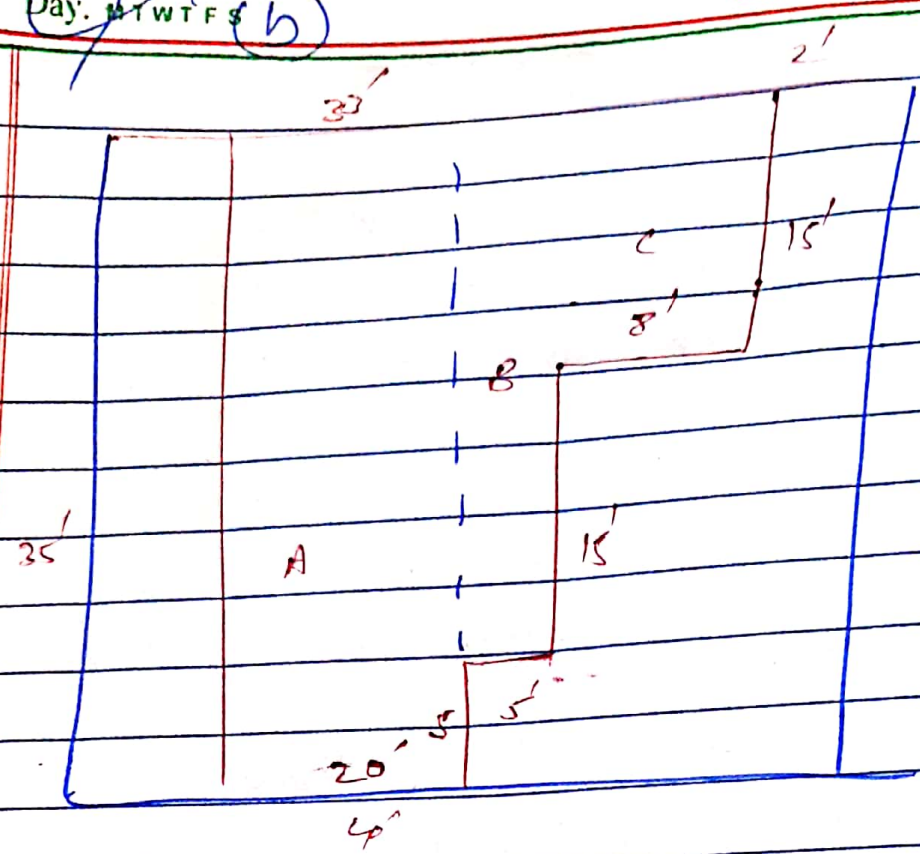
$$x = 10,000 \times 0.1 = 1000 \text{ s.ft.}$$

$$\text{So Far each Floor } \frac{1000}{3}$$

$$= 333.3 \text{ s.ft.}$$

#3
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First we find as area of A which as rectangular

As we know the area of rectangle is length \times width.

$$\text{Area of A} = \text{length} \times \text{width}$$

$$A = 30' \times 15' = 450 \text{ Sq. Ft}$$

$$\text{Area of B} = 30' \times 5' = 150 \text{ S. Ft.}$$

$$\text{Area of C} = 15' \times 8' = 120 \text{ S. Ft.}$$

Add A+B+C will be total

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of building

$$= 700 \text{ sq. ft} + 50 \text{ sq. ft} + 120$$

$$= 970 \text{ sq. ft.}$$