

Name FAWAD KHAN

ID/sec 7875

Subject Architecture & Town Planning

Teacher Ma'am Alina Baber

Final Term / Summer

Q No: 1

SLUM:

A slum is an ~~the~~ urban informal settlement that is unfit for living because it lacks access to basic sanitation, drinking water, electricity etc.

Successful Strategies of Slum to be Improved In Pakistan:

- SLUM Upgrading:-

It improved slum's living conditions. But it does not address poverty and low wages of the informal economy.

- Organized Urbanization:-

Planning and modifying urban areas to accommodate newcomers.

- Legitimizing slums instead of driving out of their homes.
- Improving job opportunities in rural as well as urban areas
- Planning rural development along with urban development
- Better transport facilities.
- Affordable housing in urban areas

These are the points to improve slum in Pakistan.

Q 3

Direction of House to Face:

The prime direction for your home to face is either south facing or East facing. Both of these positions receive a large amount of natural and direct light which might be a little warm in the summer depending where you live, but it will help with heating costs in winter.

Advantage and disadvantages:-

- This outcome affect ladies most.
- If there is a verandah outside, it should have an iron grill guard or ~~else~~ construct ~~a~~
- If the south portion of the house is at high level, it give good results
- If there is more open space in the south its harmful.
- The souther side - being at low level compared to others sides is indicative of bad omen.
- A well or pond in south side is indicative of loss of money and accidental death.

Q No 4

Garden City of Christchurch:-

Christchurch city easily wins the heart of visitors with its reputation as New Zealand's Garden city. The avon river and gently undulating topography of the central city and its surrounds encouraged the city's leaders to recreate the best of botanical british.

Hagely Park and the Botanic Gardens:-

The garden city's crowning glory is Hagely Park, which offers 165 hectares (407 acres) of mature introduced tree planting, beautifully throughout walkways meandering past the river, permanent and evolving garden features and installations.

Riccarton House And Bush:

The historic homestead of Riccarton house lies a short drive from the center of town. The house sits on the bank of a river, beside nearly 16 acres of original native bush. The bush is mostly made up of 400-600 year old trees, and is considered to be the longest protected piece of natural land in the country. You can take a tour of the house and stroll the bush track, have a coffee in the garden sitting, and while you are there take a peek into Dean's cottage the oldest building at the Canterbury Plains.

Mona Vale :-

This elegant homestead was built at the turn of 20th century in the Arts and Crafts style, reflecting the Tudors houses of England. Surrounding it are 5.5 hectares of beautifully crafted traditional lawns and gardens, with the Avon River meandering through the middle. The building is used now as a restaurant and cafe, and the gardens are open to the public.

Ellerslie Flower Festival:

Christchurch has claimed its status as the jewel in the crown of New Zealand's horticultural and landscaping recreational and design sector by securing the much sought after Ellerslie Garden Show. The five-day show, which made its Christchurch debut in March 2008, features a host of exclusive New Zealand Horticultural and landscape designers featuring their showcases at Christchurch's Hagley Park. Helping to welcome the ^{show in} Christchurch context was internationally renowned wearable horticultural art designer Jenny Gillies, who prepared over 40 new pieces for a special event at the show.

Master Plan of HayatAbad:-

Area of HayatAbad:-

According to documents of Planning cell of PDA, the township of hayatabad is spread over 3299 acres. The first and the last phase are equal size spread over ~~3299~~ 615 acres while phase V is reserved for offices and housing colonies for various Government and non government organization.

Land Use:-

From the land use analysis it can be observed that almost half (51%) of the total area is developed for residential plots. The second highest used of land is for roads which comes to 22% while

Third and fourth category of land use is for community services and open space

Land Use Analysis of Hayatabad:-

Category	Area (Acres)	%age
Residential	1682	51
Road	726	22
Open Spaces	297	9
Commercial	132	4
Community Services	429	13
Unassigned	37	1
Total	3299	100

The ratio slightly varies from one phase to another phase. Detail information is not available on all phases but one can get a fair idea by going through the khawass are hills forests passing

Land Use Analysis of Each Phase:-

Alloted Area in each phase

Land use	I	II	III	IV	V	VI	VII
Residential	-	3.65	N/A	N/A	95.4	70.2	143.5
Commercial	-	1.05	N/A	N/A	0.14	4.8	11.9
Public buildings	7.08	8.56	N/A	N/A	6.9	16.9	33.2
Road & Streets	-	1.19	N/A	N/A	34.4	38.6	74
Open Spaces	1.79	32.7	N/A	N/A	7.8	8.46	32.6
Community Services	9.39	-	N/A	N/A	-	-	-
Service Industry	-	-	N/A	N/A	-	-	-
Khawass (H, II, Torrens & Nullah)	-	89.9	N/A	N/A	26	-	439

Residential Area of Hayatabad:-

The residential area is divided into plots of different sizes. The biggest plot size is two kanals (10800 sqft) and the smallest one is 3 Marlas (710 sq. ft)

Detail about the Residential area of Hayatabad is given below.

Distribution and Total No of Residential Plots:-

Sr. No	Plot Size		No. of Plots
	Kanal/Marla	Sq. ft	
1.	2 Kanal	10800	1189
2.	1 Kanal	5400	5228
3.	14 Marla	3780	352
4.	10 Marla	2700	5480
5.	7 Marla	1890	1203
6.	5 Marla	1350	7394
7.	3 Marla	710	17500
Total			22496

Phase Wise Distribution of Green Area / Open Space.

Sr. No	Phase	No Green Areas/Open Spaces	Area (Acres)
1	Phase-I	17	11.50
2	Phase-II	9	8.228
3	Phase-III	14	10
4	Phase-IV	12	17.37
5	Phase-V	3	3.95
6	Phase-VI	5	14.40
7.	Phase-VII	N/A	NA

Although some of the green spaces have been converted for other land use, still a lot of green spaces are available such as Baghe Naran, Tatarra Park, Kyber Park and Shalman Park.

Population And Household Size:-

The Population of Hayatabad Township according to 1998 census is 45,000 with yearly growth of 3%, while the estimated Population according to planning cell of PDA is approximately 0.1 million

Table

No. of households	11250
Average household size	8.5
Present population of Hayatabad	$11250 \times 8.5 = 95625$ persons

Percentage / Coverage of Flush Toilet:-

Hayatabad is well planned Township in Peshawar. So underground Sewage Pipelines are laid down for flush toilets and for the discharge of domestic and commercial used water.

Hayatabad Industrial Estate:-

Hayatabad Industrial estate is situated near Hayatabad Township. The infrastructure facilities like Power supply and line communication are available. Besides all these other facilities like internal roads, drainage and water supply network available.

Sewage System of Hayatabad:-

The Sewage System of Hayatabad is very poor. Whenever there is rain the water doesnot pass in the sewage system and it comes to road about 1 to two feet which cause disturbance to the people. It could be better.

They need to improve their sewage system.