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Paper/Subject _^ Architecture
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Question No # (1) :-

Explain the difference
is b/w The building
The shown below in
the figure?

ANSWER :-

The character of the building depends upon the use or the type of occupancy. Building can be classified into different categories as follows.

(*) Principle of design :-

(1) Line :-

The linear marks made with a pin or brush or the edge created two shapes meet.

(2) Direction :-

All lines have direction. Horizontal, vertical, oblique. Horizontal suggests stability and tranquility. Vertical gives

a feeling of balance
formality and alterness
oblique and suggest action movements

③ Size:- Size is simple
The relationship of
area occupied by
one shape to that
of another

④ Texture:- Texture is the
surface quality of
shape. Rough, smooth
soft, hard, glossy etc:-

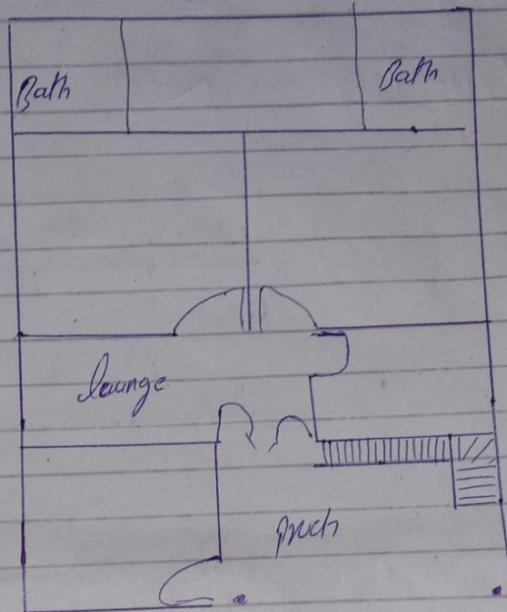
⑤ Balance:-

⑥ Approximity:-

⑦ Alignment:-

These two building
have different shape
& colours. and constructed
with different dringe
One of the building
is of sinosidal shape
it has different
structure:

Question No 2.



The map of house the
proch is small. If the stair
were in the lounge. It
widened the proch. There
are no windows at home
at all. If the rooms
were broken, the kitchen
would be too long.
and make windows in
the house so fallen
and bright.

Question No # (3):

If you are designing a house in peshawar, what techniques would you use to keep the building cool in summer without using electricity? Explain winter -----

Answer:-

Building materials:-

Building materials which are made of stone bricks or concrete or embedded into the ground can feel the coolest thanks to the high "thermal mass" of these materials. Their ability to absorb and release heat slowly, there by smoothing the temperature over time making cooler day time and warmer night time. If you want to warmer.

while design costs, style
option and energy-efficient
vary most homes have some
basic element in common
a well constructed and
tightly sealed thermal
envelope, controlled ventilati-
on, properly sized high
efficiency heating and
cooling system and
energy efficient
doors windows and
appliances.

Window and Shading :-

Opening windows
is a common way
people try to cool
buildings but air
inside will be just
as hot as outside.
In fact the simplest
to keep the heat
out is with good
insulation and well
positioned windows. Since
the sun is high
in summer, external

(4) Hybrid and phase change materials:-

While concrete has a high thermal mass it's extremely energy intensive to produce 8% to 10% of the world's carbon dioxide (CO_2) Emission come from cement.