

Principles of Building Planning

Q. 1 Explain with neat sketch the following principles of building planning:

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|--------------|----------------|
| a] Aspect | e] Grouping |
| b] Prospect | f] Circulation |
| c] Privacy | g] Orientation |
| d] Roominess | h] Elegance |

Q.2 Distinguish between aspect and prospect with neat sketch.

Q.3 How will you achieve the filling of more space under restricted conditions of planning?

Q.4 Explain in brief the sanitation as a principle of building planning

Q.5 State various ways of achieving economy while constructing a building.

Q.6 State with reason, the desirable Aspect for the following rooms of residential building:

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|----------------|------------------------|
| a] Living room | e] Photo studio |
| b] Kitchen | f] Toilet block (W.C.) |
| c] Bed room | g] Store room |
| d] Study room | |

Q.7 Comment on statement “privacy and circulation are complementary to each other” with neat sketch.

Eco-friendly materials in Construction and concept of Green Building

Q.8 What do you understand by Eco-friendly materials in construction? Explain in detail.

Q.9 Write a short note on green building.

Site Selection

Q.10 Factors of selecting site for,

- i] Residential building
- ii] Educational building
- iii] Industrial building