

- Q.21 Explain the basic understanding of city planning.
Q.22 Differentiate between front courtyard and rear courtyard with neat sketch.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)
- Q.23 Explain how can green spaces be integrated into a neighbourhood to enhance environmental quality and community well-being.
Q.24 Explain the physical characteristics and location factors to be considered for housing.
Q.25 Describe different types of dwelling structures.

(260)

(4)

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5th Semester/Architectural Assistantship Subject : Housing

Time : 3 Hrs.

M.M. : 60

SECTION-A

- Note:** Multiple choice questions. All questions are compulsory (6x1=6)
- Q.1 A self-contained residential unit within a larger multi-story building is commonly referred to as a:
a) Bungalow b) House
c) Flat d) Villa
- Q.2 Which of the following is NOT a primary physical characteristic to consider when choosing a location for housing?
a) Soil type b) Topography
c) Proximity to schools d) Climate
- Q.3 What is the term for the study of the earth's surface and its features, which is important in housing location decisions?
a) Geology b) Meteorology
c) Topography d) Hydrology

(1)

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- Q.4 In a cold climate, what is the ideal orientation for a building to maximize solar heat gain during winter?
- a) Facing north b) Facing east
c) Facing west d) Facing south
- Q.5 Which of the following is considered a component of residential infrastructure?
- a) Highways b) Power plants
c) Schools d) Railways
- Q.6 IF a road is constructed in the middle of a rectangular plot, what is the impact on the area of the plot?
- a) Increases the area
b) Decreases the area
c) Remains unchanged
d) Cannot be determined

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 The _____ flats have only one entrance, typically leading directly from the common hallway or corridor of the building.
- Q.8 The _____ is the ratio of the total floor areas of a building to the area of the plot.
- Q.9 _____ help mitigate the urban heat island effect by providing shade and absorbing heat.

(2)

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- Q.10 The distance between the building and the plot boundaries is referred to as the _____.
- Q.11 Building orientation can also affect natural _____ by aligning the structure with prevailing wind directions.
- Q.12 The way a building is situated on a site, including the placement of windows and rooflines, is known as building _____.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Explain various aspects of selecting a site for housing.
- Q.14 Differentiate between FAR and FSI.
- Q.15 How can parking regulations be designed to minimize the need for large, dedicated parking areas thereby preserving green spaces.
- Q.16 Explain the principles of neighbourhood planning.
- Q.17 Describe the requirements for fire safety measures in a residential building.
- Q.18 Explain briefly the characteristics of detached houses.
- Q.19 Explain various types of parking with neat sketches.
- Q.20 Write the plot dimensions of 6 Marla plot in HSVP along with setbacks and mark location of gate.

(3)

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