

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 What are needs of building bylaws for Urban Development?

Q.24 Explain the significance of National Building Code?

Q.25 What measures are in Place to ensure fire safety, including building codes for fire exits, sprinkler systems, and fire-resistance materials?

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Roll No.

4th Sem / Architectural Asst.

Subject : Building Bye laws and Municipal Drawings

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 F.A.R stands for

- a) Floor area Ratio b) Floor area Radius
- c) Floor Arch Ratio d) Fix Area Ratio

Q.2 Sunshade is provided over

- a) Door b) Wall
- c) Floor d) Room

Q.3 Stair cover is provided over

- a) Floor b) Stair
- c) Door d) Window

Q.4 SEZ stands for

- a) Special Electric Zone
- b) Safe Economic Zone
- c) Special Economic Zone
- d) Safe Electric Zone

- Q.5 What is the purpose of accessibility requirements in building bylaws?
- To ensure buildings can be accessed by emergency services only
 - To provide equal access to building for people with disabilities
 - To regulate the use of elevators in tall buildings
 - To limit access to certain areas within a building
- Q.6 How are building setbacks typically measured?
- From the nearest neighboring building
 - From the center of the street
 - From the property line
 - From the building's main entrance

SECTION-B

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

- Q.7 C.O.A stands for _____? (Council of architecture/Core-group of Architects)
- Q.8 The area covered by building immediately plinth level is called _____ (Built-up area/ Carpet area)
- Q.9 R.O.W stands for _____ (Right of way/ Release of Window)
- Q.10 Tent is a type of _____ structure. (Permanent/Temporary)

- Q.11 E.C.S in car parking stands for _____ (Equivalent Car space/ Equal Car Size)
- Q.12 Green Building involves construction of building using sustainable materials. (True/False)

SECTION-C

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

- Q.13 How do the bylaws address zoning regulations and land use planning?
- Q.14 What are major objectives of Zoning?
- Q.15 What is role of light and ventilation in building design?
- Q.16 What is role of mass and volume in building design?
- Q.17 Define the term “encroachment”?
- Q.18 What do you understand by term “Hazardous Building”?
- Q.19 What are different types of Zoning?
- Q.20 What do you understand by term Habitable Room”?
- Q.21 What is the role of setbacks from property lines and adjacent buildings?
- Q.22 What is Row Housing?