

- Q.24 How are emergency evacuation plans developed and implemented for different types of buildings?
- Q.25 How do the building bylaws interact with other relevant regulations, such as zoning ordinances, environmental laws, and health and safety codes?

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220242

**4th Sem / Architectural Asst.**  
**Subject : Building Bye Laws & Municipal Drawings**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note: Multiple type Questions. All Questions are compulsory. (6x1=6)**

- Q.1 What do building bylaws often regulate regarding building height?
- a) The number of floors
  - b) The distance between buildings
  - c) The width of staircases
  - d) The size of windows
- Q.2 Ventilators are necessarily to be provided in
- a) Toilet
  - b) Store
  - c) Study Room
  - d) Bedroom
- Q.3 Mumty is provided over
- a) Floor
  - b) Stair
  - c) Door
  - d) Window
- Q.4 DDA stands for
- a) Delhi Development Authority
  - b) Delhi District Authority
  - c) Dehradun Development Act.
  - d) Digha Development Authority

- Q.5 Which aspect of building design is often regulated to ensure safety with surrounding structures and building occupants itself?
- a) Structural integrity    b) Interior layout  
c) Facade design            d) HVAC system
- Q.6 Which aspect of building design is often regulated to promote energy efficiency?
- a) Building height  
b) HVAC system size  
c) Use of sustainable materials  
d) Number of windows

#### Section-B

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

- Q.7 N.B.C. stands for \_\_\_\_\_? (National Building code/ Natural Built up code)
- Q.8 B.I.S. stands for \_\_\_\_\_? (Bureau of Indian standards/ Bureau of Indian Systems)
- Q.9 F.S.I. stands for \_\_\_\_\_ (Floor Surface Index / Fix surface Index)
- Q.10 R.C.C. Structure is a type of \_\_\_\_\_ structure. (Permanent/ Temporary)
- Q.11 A basement is a story of a building that is completely above the ground. (True/False)
- Q.12 Built-up area is the area covered by building immediately above plinth level. (True/False)

#### Section-C

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

- Q.13 How setbacks are responsible to maximize natural light and ventilation?
- Q.14 What is difference between Permanent and temporary buildings?
- Q.15 What is role of F.A.R. in building design?
- Q.16 What is role of height restriction in building bye laws?
- Q.17 Define the term "Ground Coverage" with respect to area of the building?
- Q.18 What do you understand by term "Non-Hazardous Building".?
- Q.19 How are stakeholders, including residents, businesses, and community organizations, involved in the development and revision of building by laws?
- Q.20 How do the bylaws address zoning regulations and land use planning?
- Q.21 What are general norms for staircase design in residential building?
- Q.22 What are Detached and Semi-Detached building also give examples?

#### Section-D

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

- Q.23 What is role of open spaces and courtyard in planning and design of building?