

### SECTION-D

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

- Q.23 Explain the types of building as per National Building Code.
- Q.24 Describe in detail types of parking with neat sketches.
- Q.25 Describe the role of local development authorities in enforcing building byelaws.

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### 4th Semester/ Architectural Assistantship Subject : Building Byelaws and Municipal Drawings

Time : 3 Hrs.

M.M. : 60

### SECTION-A

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

- Q.1 Balcony is a \_\_\_\_\_ cantilever projection  
a) Vertical                      b) Horizontal  
c) Inclined                      d) Zigzag
- Q.2 Line defining the side limit of the street is called  
a) Street line                      b) Building line  
c) Border line                      d) House line
- Q.3 Semi detached building shall mean detached from  
a) One side                      b) Two sides  
c) Three sides                      d) Four sides
- Q.4 Building bye-laws are generally enforced by :  
a) The Central Government  
b) The State Government  
c) Local Municipal Authorities  
d) Individual building owners.

- Q.5 FAR stands for :
- Factor Area Ratio
  - Foundation Area Ratio
  - Floor Area Ratio
  - Floor Access Ratio
- Q.6 Setbacks in construction are important for :
- Maximizing the built-up area on a plot
  - Ensuring proper light, ventilation and access for emergency vehicles.
  - Reducing construction costs
  - Decreasing the open space around a building

### SECTION-B

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

- Q.7 The \_\_\_\_\_ is a comprehensive set of guidelines published by the Bureau of Indian Standards (BIS).
- Q.8 A detailed Plan showing the proposed placement of structures, parking areas, open space, landscaping etc is known as \_\_\_\_\_.
- Q.9 Building bye-laws often specify the minimum \_\_\_\_\_ to be left around a building.
- Q.10 Supply of outside air into or the removal of inside air from an enclosed space is known as \_\_\_\_\_.
- Q.11 A low wall or railing built along the edge of a roof or a floor is known as \_\_\_\_\_.

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- Q.12 The floor area Ratio (FAR) or Floor space Index (FSI) is calculated by dividing the building's total built up area by the area of the \_\_\_\_\_.

### SECTION-C

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

- Q.13 What are the minimum provisions with regard to dwelling unit.
- Q.14 Explain the objectives of zoning.
- Q.15 Explain briefly the procedure for submission of building application.
- Q.16 Differentiate between Temporary building and Permanent building.
- Q.17 Explain briefly the role of Architect in building.
- Q.18 Explain the carpet area and covered area in brief.
- Q.19 Write the general norms for staircase design in residential building.
- Q.20 Explain various factors to be considered while framing building byelaws.
- Q.21 Describe various setbacks and how the setbacks are helpful in regulating building bye laws.
- Q.22 Explain briefly various types of zoning.

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