

SECTION-D

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

- Q.23 Explain the causes and effects of air pollution.
Q.24 Explain “Effect of Climate” on man and shelter.
Q.25 Explain the various criteria about site selection.

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3rd Sem / Architectural Assistantship

Subject : Climatology

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Climate of a large area is called
a) Climate b) micro climate
c) macro climate d) meso climate
- Q.2 Trees are used as _____ sun shading devices.
a) Internal b) external
c) artificial d) natural
- Q.3 Louvers are used as
a) Sun shading device
b) wind protection device
c) Dust protection device
d) all of the above

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- Q.4 Which of the following is not a climatic zone?
a) hot & humid zone b) hot & cold zone
c) hot & dry zone d) cold & sunny zone

- Q.5 Orientation of a building should be according to
a) sun's orientation
b) wind direction
c) both a & b
d) nothing from the above

- Q.6 The material which reduces or prevents the transmission of heat or sound is called
a) conduction b) convection
c) radiation d) insulation

SECTION-B

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

- Q.7 Define Relative Humidity.
Q.8 Define Comfort Zone.
Q.9 Define Orientation.
Q.10 Define weather.

- Q.11 Define Climatic Zone.
Q.12 Define micro Region.

SECTION-C

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

- Q.13 Write short note on "Hot and Humid climate".
Q.14 Define any two elements of climate.
Q.15 Write notes on 'Natural lighting'.
Q.16 Explain the relation of building materials with climate.
Q.17 Mention different climatic zones and explain any one.
Q.18 Write the differences between micro and macro climate.
Q.19 Write about comfort zone in detail.
Q.20 Describe basic elements of Ecology.
Q.21 How landscape elements can be use to create micro climate.
Q.22 Write the effects and control of noise pollution.