

- Q.27 List various elements of climate. Write in detail about any one.

Q.28 Describe the importance of Curtain wall as sun protecting devices.

Q.29 Explain the importance of Ozone layer around earth.

Q.30 Draw sun chart and label it.

Q.31 Explain horizontal louvers with the help of sketches.

Q.32 List the features of Hot and humid climate.

Q.33 Explain with sketches the uses of water and trees in landscaping.

Q.34 Explain the relationship of climate and comfort.

Q.35 Explain Global warming.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain in detail passive solar heating system.

Q.37 Explain in detail the sources of air pollution and what are the harmful effects of air pollution?

Q.38 Explain Macro and Micro Climate.

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3rd Sem / Architectural Assistantship Subject:- Climatology

Time : 3Hrs. M.M. : 100

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 The element which is used to measure how cold or hot the weather is _____
a) Temperature b) wind
c) climate d) none of these

Q.2 Which pollution cause hearing loss in organisms?
a) noise b) water
c) air d) none of these

Q.3 Increased levels of air pollution results in _____
a) respiratory problems b) global warming
c) decrease death rate d) none of these

Q.4 The kind of winds that blows through the year frequently is classified as _____
a) maritime b) continental
c) conventional d) prevailing winds

Q.5 Which is the best way to control noise pollution among the four fundamental ways?

- a) reduce noise at the source
 - b) block the path of noise
 - c) increase the path length
 - d) protects the recipient
- Q.6 Which of the sound is pleasant to our ears?
- a) heavy machinery
 - b) loud noise
 - c) transportation equipment
 - d) music
- Q.7 The temperature at the _____ is the highest and it is lowest at _____
- a) equator b) poles
 - c) longitudes d) none of these
- Q.8 The _____ is required to control dust and other impurities in the air.
- a) Ventilation b) Sanitation
 - c) air conditioning d) none of these
- Q.9 Passive solar design _____
- a) is useful in all climates
 - b) depends on proper house orientation
 - c) can save your money
 - d) all of the above
- Q.10 Which of the following is a type of climbers?
- a) Money plant b) Ashoka tree
 - c) Sweet potato d) Ginger

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Name two sun protecting devices.
- Q.12 Write any two Insulating materials.
- Q.13 Name two types of climatic zones.
- Q.14 Name two natural landscape elements.
- Q.15 Define Climate.
- Q.16 Define precipitation.
- Q.17 Name any two evergreen trees.
- Q.18 Name two cooling System
- Q.19 Define ecology.
- Q.20 Define climatology.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Explain movement of earth around the sun.
- Q.22 Describe the structure of earth.
- Q.23 What are the principles of ecology?
- Q.24 What are the preventive measures to control air pollution?
- Q.25 What do you know about Longitude and latitude?
- Q.26 Write short note on Micro Climate.