

- 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

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 Paasive 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

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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.

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