

- Q.26 Explain the meaning of Conservation of Energy.
- Q.27 Describe Global Warming.
- Q.28 Explain the orientation with respect to wind.
- Q.29 Explain the use of vegetation as landscape.
- Q.30 Explain the effect of climate on man and shelter.
- Q.31 Explain the vertical louvers with the help of sketches.
- Q.32 Write the characteristics of concrete and brick.
- Q.33 What do you mean by Cyclonic rainfall?
- Q.34 Explain free circulation.
- Q.35 Explain the importance of Ozone layer around earth.

#### **SECTION-D**

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

- Q.36 Explain the causes and effects of noise pollution. How it can be controlled.
- Q.37 Write down basic elements and objectives of Ecology.
- Q.38 Define orientation of a building and write the various factors which affects the orientation of building.

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**3rd Sem / Arch  
Subject:- Climatology**

Time : 3Hrs.                            M.M. : 100

#### **SECTION-A**

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

- Q.1 The sun is the source of \_\_\_\_\_ light.  
 a) natural                                b) artificial  
 c) sky                                    d) none of these
- Q.2 The earth moves around the \_\_\_\_\_.  
 a) sun                                    b) moon  
 c) star                                    d) none of these
- Q.3 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.4 UV stands for \_\_\_\_\_.  
 a) ultra violets rays                    b) gamma rays  
 c) beta rays                            d) none of these

- Q.5 Which of the sound is pleasant to our ears?
- a) heavy machinery
  - b) loud noise
  - c) transportation equipment
  - d) music
- Q.6 The shape of trees in coniferous forests is \_\_\_\_\_
- a) round                      b) oval
  - c) vase                        d) conical
- Q.7 The kind of winds that blows through the year frequently is classified as \_\_\_\_\_
- a) maritime                  b) continental
  - c) conventional             d) prevailing winds
- Q.8 The trees that do not shed their leaves are \_\_\_\_\_
- a) coniferous trees        b) deciduous trees
  - c) evergreen trees         d) none of these
- Q.9 Wide variety of living things is called \_\_\_\_\_
- a) biodiversity              b) habitat
  - c) ecology                    d) none of these
- Q.10 The layer of air which surrounds the earth is \_\_\_\_\_
- a) atmosphere                b) weather
  - c) climate                    d) none of these

## SECTION-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 Name two sources of air pollution.
- Q.12 Name two cooling system.
- Q.13 Define Ecology.
- Q.14 Define Weather.
- Q.15 Name any two evergreen trees.
- Q.16 Define Bio Sphere.
- Q.17 Name two Wind Protection Devices.
- Q.18 Define Temperature.
- Q.19 Define Climatology.
- Q.20 Name any two basic elements of Ecology

## SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 How many pollutions are there? Write in detail about any one.
- Q.22 Differentiate between Macro and Micro Climate.
- Q.23 Describe Hot and Humid Climate.
- Q.24 Explain the Movement of Earth around the Sun.
- Q.25 Explain various Shading Devices.