

- Q.6 The place located near the sea experiences the.....
 a) Moderate climate b) Dry climate
 c) Polar climate d) Tropical climate
- Q.7 Which of the following is not a major greenhouse gas?
 a) Ozone b) Water vapour
 c) Methane d) Carbon dioxide
- Q.8 _____ is changing all the time
 a) Weather b) Climate
 c) Humidity d) None of these
- Q.9 The tropical climate which consists of heat waves hot winds and low humidity comes under which climatic condition ?
 a) Hot-wet b) Hot-dry
 c) Cool-dry d) Rainy
- Q.10 Wind generally blows from areas of
 a) Low to high pressure
 b) Low to moderate pressure
 c) High to low pressure
 d) High to moderate pressure

SECTION-B

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

- Q.11 The trees that do not shed their leaves are _____(Evergreen/ Deciduous)
- Q.12 Motion of the earth on its axis in about 24 hours is called _____(revolution/ rotation)
- Q.13 _____ is a renewable source of energy? (Wind/ Coal)

- Q.14 _____ is the source of light on the earth (Sun/ Moon)
- Q.15 The coldest region on earth is the _____(tropical region/ Polar region)
- Q.16 The layer of air which surrounds the earth is _____(atmosphere/ Weather)
- Q.17 When do equinoxes occur on the earth?
 (September 23/ June 21)
- Q.18 When the sun is directly at the top, it is referred as _____(Zenith/ Azimuth)
- Q.19 _____ gas is present in the air in maximum amount (oxygen/ Nitrogen)
- Q.20 A "cool roof" uses reflective surfaces. (True/ False)

SECTION-C

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

- Q.21 Explain the relationship of climate and comfort
- Q.22 What is Bio-Climatic chart and why it is used?
- Q.23 What are the main cycles in eco system ?
- Q.24 Explain the characteristics of hot and humid climate.
- Q.25 Explain cross ventilation
- Q.26 Explain the climatic zones of India.
- Q.27 What is Solar Passive Design?