

MARTHOMA RESIDENTIAL SCHOOL, THIRUVALLA

FIRST TERMINAL EXAM -2019-20

GEOGRAPHY

CLASS:7

TIME :2 hrs

MARKS:80

QUESTION I

a. Define the following .

1x6=6

- i. humidity
- ii. atmospheric pressure
- iii. dew point
- iv. temperature
- v. barometer
- vi. precipitation

QUESTION II

b. Give reason :

1x7=7

- i. The north east coast of Canada remain frozen during long winter.
- ii. Wind vane should not be placed over buildings and trees.
- iii. Equatorial areas are the warmest part of the Earth.
- iv. Winter in Delhi is much more harsh than that in Chennai.
- v. Deserts have very hot days and equally cold nights.
- vi. Meteors slow down and burn up when they enter the mesosphere.
- vii. Stratosphere provides ideal flying conditions for aircraft.

QUESTION III

c. Write the difference between :

2X3=6

- i. Weather & climate
- ii. Insolation & terrestrial radiation
- iii. Isotherm & isohytes

QUESTION IV

d. Answer the following in short:

1X10=10

- i. What is coriolis force?
- ii. Name the instrument used to measure wind speed.
- iii. Name the wooden shelter in which thermometers are kept in a weather station.
- iv. What is Normal Lapse Rate ?
- v. What is diurnal range of temperature ?
- vi. Write the sources of renewable source of energy.

- vii. Write the significance of ozone present in the stratosphere.
- viii. Write 2 ways of saving electricity and reducing global warming.
- ix. Write any 2 sources of nitrogen oxide.
- x. Name the moist wind that enters India in the month of June-July.

#### QUESTION V

2x9=18

- e. Answer the following :
- i. What is loo? How does it affect the weather condition of a place?
  - ii. Discuss how an ozone hole is created .
  - iii. What makes the thermosphere the hottest layer in the atmosphere?
  - iv. What determines the velocity of wind? Explain .
  - v. Name two scales in which temperature is measured. State the boiling point and freezing point of water in each of the scale.
  - vi. How vegetation affect the temperature of any place?
  - vii. How are hailstones formed?
  - viii. What are the special features of eco-city?
  - ix. Write 2 impacts of global warming.

#### QUESTION VI

- f. Answer the following:
- 3x11= 33
- i. State 3 initiatives you as a student can take to improve the environment in which you live .
  - ii. What is meteorology? Who are meteorologists?
  - iii. How many parts do a wind vane have? State their uses.
  - iv. Write the features of troposphere.
  - v. Explain the 3Rs.
  - vi. Enumerate any 3 elements of climate.
  - vii. Name the 4 types of clouds and explain the features of any 2 .
  - viii. Discuss the factors that affect the atmospheric pressure.
  - ix. Draw a neat labelled diagram of rain gauge.
  - x. Explain the significance of ozone present in the stratosphere.
  - xi. Explain how the maximum and minimum temperature of the day are measured?