

21

Marthoma Residential School

Tiruvalla

2<sup>nd</sup> Terminal Examination 2017-18

Class VII

Max Marks 80

Time 1 ½ hrs

Geography

I Name the following:

( 1x 8=8)

- a. The process of transfer of heat from one body to the other.
- b. Wind that experiences a seasonal reversal in direction.
- c. Incoming solar radiation reaching to the surface of the earth.
- d. The heat radiated by the earth at night.
- e. Extreme climate of the interior of continents.
- f. Evaporation of water from different parts of plants and trees that are exposed to air and solar radiation.
- g. A centre of high pressure.
- h. The temperature at which air gets saturated.

II Define the following:

( 1x5=5)

- |                   |                       |
|-------------------|-----------------------|
| a. Isthmus        | b. Advection          |
| c. Nuclear fusion | d. Hydrological cycle |
| e. Ocean current  |                       |

III Give reasons

(1 ½X6=9)

- a. Water vapour content of the atmosphere vary from place to place.
- b. Trade winds are called North –East in the northern hemisphere.
- c. Maximum pressure is experienced at sea level.
- d. Seasonal variations are more at Nagpur than at Mumbai.
- e. Pressure belts shifts seasonally.
- f. Land and sea breeze is experienced in coastal areas.

( 2X5=10)

IV Distinguish between :

- a. Trade winds and westerlies.
- b. Land and sea breeze.
- c. Absolute and relative humidity.
- d. Cyclone and anticyclone.
- e. Marine and continental climate.

( 1X10=10)

V Answer in brief :

- a. Name the forms of condensation.
- b. What is the latitudinal extent of Asia?
- c. What are horse latitudes?
- d. What are the sources of water vapour in the atmosphere ?
- e. What marks the western boundaries of Asia?
- f. Name the instrument used for measuring atmospheric pressure.
- g. Give two examples of local winds.
- h. Which part of India receives convectional type of rainfall?
- i. Name the major planetary winds of the world.
- j. Name the factors that encourage evaporation .

VI Answer in detail :

( 3X6=18)

- a. Describe the daily changes in temperature at a place.
- b. Explain any two factors affecting the air pressure.
- c. Indicate how the water vapour varies in the atmosphere.
- d. How does snowfall occur?
- e. Explain the features of monsoon wind.
- f. Explain the variable wind speed.

VII Answer the following:

(5X4=20)

- a. How are winds responsible for increasing temperature of a place?
- b. Explain land and sea breeze with the help of a diagram.
- c. Explain the major pressure belts of the world.
- d. Explain the phenomenon of orographic rainfall.