

Quarterly Examination 2017-2018

Std. : VII
Subject : Geography

Full Marks : 80
Time : 2hrs.+15min.

Q1. Choose the correct option :—

[5]

- (a) The normal pressure at sea level is
(i) 1013 mb (ii) 1031 mb (iii) 1030 mb
- (b) Which of the following is not an element of weather ?
(i) humidity (ii) sunshine (iii) relief
- (c) A leap year has
(i) 365 days (ii) 367 days (iii) 366 days
- (d) The Earth's orbit is — in shape
(i) circular (ii) elliptical (iii) square
- (e) Degradation of soil and land is called.
(i) air pollution (ii) land pollution (iii) water pollution

Q2. Fill in the blanks :—

[10]

- (a) At dawn and dusk the earth gets _____ light.
- (b) _____ pollution leads to global warming.
- (c) Salts present in the water can lead to _____ of the soil.
- (d) Earth's _____ is an imaginary line joining the north pole and the south pole.
- (e) Silicon Valley is located in _____.
- (f) Relative humidity is expressed in _____.
- (g) _____ is called the Father of silicon Valley.
- (h) Scientific study of weather condition is called _____.
- (i) _____ introduced the standard CPU.
- (j) _____ is the most common form of precipitation.

Q3. Name the instrument used to measure the following elements of weather :—

[5]

- (a) Automatic instrument that records humidity on a graph paper —
- (b) Direction of wind —
- (c) Atmospheric pressure —
- (d) Rainfall —

e) The speed of wind —

Q4. Define the following terms :—

[6]

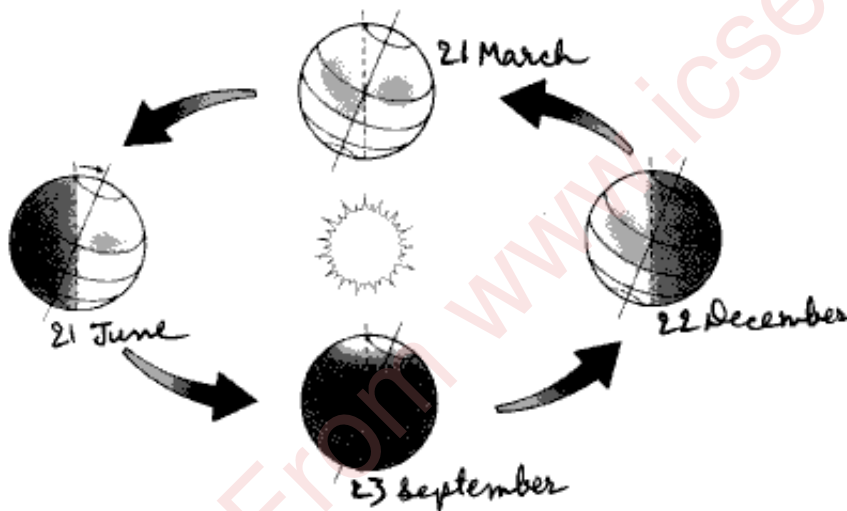
- (a) Atmospheric pressure.
- (b) Circle of illumination.
- (c) Water pollution.

Q5. Give two differences between the following :

[4]

- (a) Weather and climate.
- (b) Rotation and Revolution.

Q6. Observe the picture and answer the following questions :—



- (a) On which two dates are days and nights equal all over the world ? [2]
- (b) Which hemisphere is tilted towards the sun on 21 June and 22 December respectively ? [2]
- (c) Which hemisphere has longer days on 22 December and longer nights on 21 June ? [2]
- (d) Which season is experienced by northern Hemisphere on 21 March and 23 September ? [2]
- (e) Which dates are called equinoxes ? [2]

Q7. Answer the following questions :—

[2x10=20]

- (a) How does noise pollution affect human health ?
- (b) State two factors that are responsible for the growth of the silicon Valley as an IT hub.
- (c) Mention any two effects of rotation.
- (d) State the various forms of precipitation.
- (e) Name two natural sources of air pollution.
- (f) What is information technology ?

- (g) What are the factors that result in the occurrence of seasons ?
- (h) How is the humidity of a place related to its temperature ?
- (i) Name any two types of clouds.
- (j) Explain why vertical rays give more heat than slant rays.

Q8. Give a reason :—

[6]

- (a) The equatorial region is hot throughout the year, while the polar regions are very cold.
- (b) Alcohol or mercury is used in thermometers.
- (c) Aquatic ecosystems are affected by water pollution.

Q9. Draw a neat and labelled diagram to show six's maximum and Minimum Thermometer. [4]

Q10. On the outline map of India mark the following features :—

[10]

- (a) Bay of Bengal
- (b) River Kosi
- (c) River Indus
- (d) Arabian Sea
- (e) Godavari
- (f) Tapi
- (g) Mahanali
- (h) Narmada
- (i) Yamuna
- (j) Kaveri