

Q1. Some latitudes and longitudes have been marked on the map given. Answer the following questions with the help of the map.



- Which state is located at  $16^{\circ}\text{N}$  and  $76^{\circ}\text{E}$ ?
- Which state is located at the point where  $25^{\circ}\text{N}$  and  $80^{\circ}\text{E}$  meet?
- Write the latitude and longitude which meet in Odisha?
- Name the states through which the Tropic of cancer passes.
- Which latitude passes through Port Blair?

**Q2. Write 5 differences between latitudes and longitudes?**

**Q3. Answer these short answer questions.**

- a) Name any two countries which are located close to International Date Line.
- b) What are longitudes?
- c) What is a hemisphere? List the four hemispheres?
- d) What is known as observatory?
- e) What is Prime Meridian?

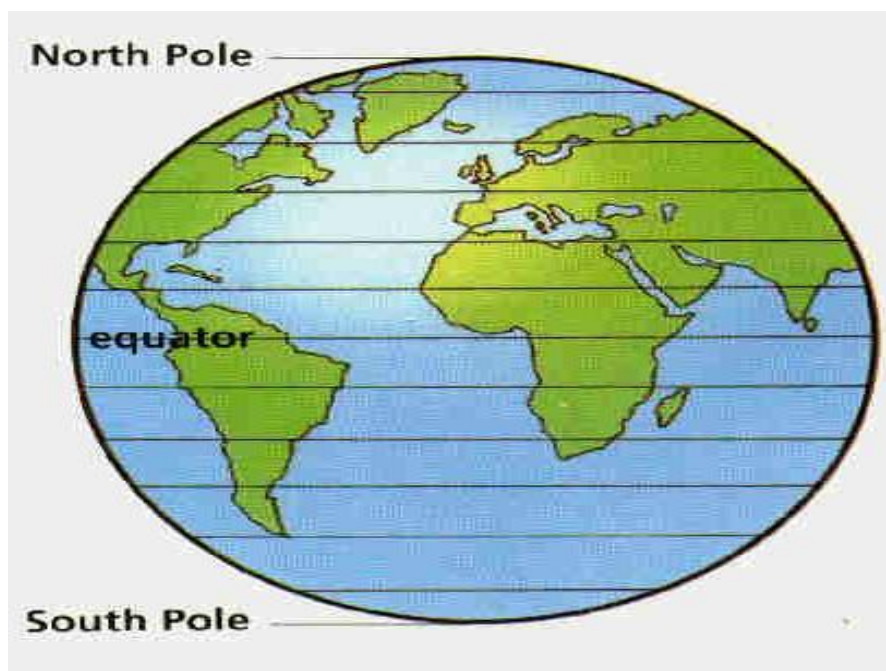
**Q4. Answer these long answer questions.**

- a) What is the significance of the International Date Line?
- b) List some features of latitudes.
- c) How do grids help us to locate places on a map?

**Q5. Fill up the blanks.**

- a) \_\_\_\_\_ separates two calendar dates.
- b)The \_\_\_\_\_ are located at equal distances from one another.
- c) The part of earth which lies between  $0^{\circ}$  and  $180^{\circ}$  east is called the \_\_\_\_\_.
- d)The \_\_\_\_\_ is not a straight line.
- e) All meridians are \_\_\_\_\_.
- f) The lines of latitudes are measured in \_\_\_\_\_.
- h)\_\_\_\_\_ is a special building from where scientists watch stars, planets etc.

**Q6. Label the important lines of latitude.**



**Q1. Draw diagrams to explain land breeze and sea breeze.**

**Q2. Answer these short answer questions.**

- a) Why are mountains cooler than plains?
- b) Differentiate between Torrid Zone and frigid zones.
- c) Why are places near the equator hotter than the places located far from it?
- d) Explain why Mount Kilimanjaro's peak remains covered with snow for most part of the year.
- e) How do winds affect climate?

**Q3. Answer these long answer questions.**

- a) Explain how distance of a place from the sea affects its climate.
- b) Define climate. List the factors that affect the climate of a place.

**Q4. Give one word answer.**

- i) The amount of water vapour or moisture in the air. \_\_\_\_\_
- ii) The zone between frigid and torrid zones. \_\_\_\_\_
- iii) Places situated closer to the sea have \_\_\_\_\_ climate.
- iv) The zone that receives direct rays of the sun. \_\_\_\_\_
- v) A unit of temperature. \_\_\_\_\_
- vi) Hot, dry winds are called as \_\_\_\_\_

**Q5. Draw and label the heat zones of the world.**

**Q1. Answer these short answer questions.**

- a) Name the crops which people generally grow in the equatorial rainforests.
- b) Define Oasis.
- c) What type of climate is found in the equatorial rainforests?
- d) Compare the life of the people living in the tropical deserts and equatorial rainforests.
- e) Why do you think there is hardly any vegetation in the tropical desert?
- f) How have plants adapted to the harsh climate of the tropical deserts.

**Q2. Answer these long answer questions.**

- a) Write a short note on the layers formed by the trees in the equatorial rainforests.
- b) What do you think would happen to the world if all the rainforests were destroyed?
- d) What changes have been witnessed in the tropical deserts in present times?

**Q3. On a blank map of the world, label and colour the areas covered by the equatorial rainforests.**

**Q4. State True or False.**

- a) The equatorial rainforest do not experience winter season. (\_\_\_\_\_)
- b) Chimpanzees are found in the tropical deserts of Asia. (\_\_\_\_\_)
- c) The tropical deserts experience cool summers and cold winters. (\_\_\_\_\_)
- d) Forest fire is one of the reasons for the destruction of forest cover in the equatorial rainforests. (\_\_\_\_\_)
- e) Record is written account of something which can be looked at and used in the future. (\_\_\_\_\_)
- f) A member of an Arab people who traditionally lives in tent in the desert is called Bedouins. (\_\_\_\_\_)

**Q4. Answer these long answer questions.**

- a. Name and explain the characteristics of various layers in an equatorial rainforest.
- b. Sort the items given in the box under the suitable column. [Equatorial/ Tropical]

Acacia, baobab tree, Camel, Cassava, Bedouins, Piranha, Amazon River Basin, 4 o'clock Shower, Atacama Desert

Equitorial	Tropical