

## Chapter-2

### Worksheet-1

**Choose the correct option:**

1. Which of the following state is false?
  - (a) The axis of the earth is not actually tilted as depicted in a globe.
  - (b) The equator is the 0-degree latitude.
  - (c) The Prime Meridian is the 180-degree longitude.
  - (d) More than half of India lies in the Frigid Zone.
  
2. Which one of the following parallels of latitudes is known as the Tropic of Cancer?
  - (a)  $0^{\circ}$
  - (b)  $23^{\circ} 30' S$
  - (c)  $23^{\circ} 30' N$
  - (d)  $66^{\circ} 30' N$
  
3. The Standard Meridian of India is \_\_\_\_\_.
  - (a)  $82^{\circ}30' W$
  - (b)  $23^{\circ} 30' S$
  - (c)  $82^{\circ}30' E$
  - (d)  $66^{\circ} 30' N$
  
4. Which of the following statement is false?
  - (a) The two Temperate Zones maintain a moderate climate.
  - (b) The time at a place in the east of Greenwich is ahead of that in Greenwich,
  - (c) The earth rotates from west to east.
  - (d) The standard longitude for Indian time is the  $64^{\circ}$  longitude.
  
5. One of the imaginary circles parallel to the Equator is called \_\_\_\_\_.
  - (a) latitude
  - (b) longitude
  - (c) meridian
  - (d) none of these
  
6. Which place is used as a standard for a time all over the world?
  - (a) Mirzapur in Uttar Pradesh
  - (b) Greenwich in Britain
  - (c) Both (a) and (b)
  - (d) None of these

7. Which heat zone does the equator lie in?  
(a) Frigid Zone  
(b) Temperate Zone  
(c) Torrid Zone  
(d) None of these
8. In which heat zone  $45^{\circ}$  N latitude lies?  
(a) Frigid Zone  
(b) Temperate Zone  
(c) Torrid Zone  
(d) None of these
9. The time of India is ahead of that of England by  
(a) 2 hours  
(b) 5 hours and 30 minutes  
(c) 3 hours  
(d) none of these
10. If we do not follow the Indian Standard Time (IST) then what will be the time difference between the time of Dwarka in Gujarat and time of Dibrugarh in Assam?  
(a) 2 hours  
(b) 1 hour and 30 minutes  
(c) 1 hour and 45 minutes  
(d) 5 hours and 30 minutes

**Answer the following Questions.**

11. What is the globe?  
12. Write a short note on the heat zones of the Earth.  
13. Why do we have Standard Time?  
14. What is the latitudinal value of the Tropic of Cancer?  
15. What are the parallels of latitude and meridians of longitude?  
16. Why is it 5.30 p.m. in India and 12.00 noon in London?  
17. Which are the two imaginary lines that divide the earth into hemispheres?  
18. What are the advantages of a globe?  
19. Find out the time difference between the easternmost and westernmost parts of India if a standard meridian is not adopted.  
20. Describe where the torrid zone lies.