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Geography Chapter 2 Globe Latitudes and Longitudes

Fill in the blanks with appropriate words given to complete each sentence:

(i) Russia extends over………………… time zones.
(ii)As we move away from the equator, the size of the latitudes
……………………………
(iii)The poles fall in the……………..
(iv)   To locate a point, we need to know its latitude, as well
as…………………………
(v) The British Royal Observatory is located in …………………….. UK.
(vi) A hemisphere is one …………….. of a sphere.
(vii) Latitudes and longitudes form a………………………
(viii) All places lying on the same ………………… have the same time.
(ix) When it is 7.30 pm on August 16 in Greenwich, it
is……………………….. (time) on ……………(date) in Chennai.

Answers:
(i) elevenm (ii) decreases (iii) Frigid (iv) longitude (v) Greenwich (vi) half (vii)
grid   (viii) longitude (ix) 1 am on August 17.

True/False:

State whether these sentences are true (T) or false (F).
(i) The axis of the earth is not actually tilted as depicted in a globe.
(ii) The equator is the 0-degree latitude.
(iii) The Prime Meridian is the 180-degree longitude.
(iv) More than half of India lies in the Frigid Zone.
(v) The Tropic of Capricorn does not pass through India.
(vi) The two Temperate Zones maintain a moderate climate.
(vii) The time at a place in the east of Greenwich is ahead of that in Greenwich,
(viii) The earth rotates from west to east.
(ix) The standard longitude for Indian time is the 64° longitude.

Answers:
(i) False, (ii) True, (iii) False, (iv) False, (v) True, (vi) True, (vii) True, (viii)
True, (ix) False.

Matching Skill:
Match the items in column A correctly with those given in column B.

Column A	Column B
(i) The number of time zones in the whole world	(a) 12
(ii) The number of time zones in India	(b) 1
(iii) The number of time zones in Russia	(c) 5
(iv) Difference between the local times of Greenwich and a place at 180° longitude (in hours)	(d) 4
(v) Number of minutes by which local times at longitudes at one degree difference, differ	(e) 11
(vi) Number of points having the same set of latitude and longitude	(f) 24

Ans. (i)—(f), (ii)—(b), (iii)—(e), (iv)—(a), (v)—(d), (vi)—(b).