



# GEOGRAPHY

## BOOKS - FULL MARKS GEOGRAPHY (HINGLISH)

### LATITUDE, LONGITUDE AND TIME

#### **Ncert Textbook Questions With Answers**

1. Which are the two natural points of references on the earth?



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**2. What is a great circle?**



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**3. What are coordinates ?**



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4. Why does the sun appear to be moving from east to west?



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5. What is meant by local time?



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6. Distinguish between latitudes and longitudes.



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## Ncert Textbook Questions With Answers Activity

1. Find out the locations of the following places with the help of your atlas and write their latitudes and longitudes.



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2. What would be the time of the following cities if the time at Prime Meridian is 10 a.m ?



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## Additional Questions With Answers Mcq

1. Where is equator located?

A.  $0^{\circ}$  latitude

B.  $23 \frac{1}{2}^{\circ}$  latitude

C.  $66\frac{1}{2}^{\circ}$  latitude

D.  $90^{\circ}$  latitude

**Answer: A**



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2. On which longitude is International Date Line Fixed?

A.  $180^{\circ}$  longitude

B.  $0^{\circ}$  longitude

C.  $150^\circ$  longitude

D.  $90^\circ$  longitude

**Answer: A**



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**3. Where is Greenwich located?**

A.  $180^\circ$  longitude

B.  $0^\circ$  longitude

C.  $150^\circ$  longitude

D.  $90^\circ$  longitude

**Answer: B**



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4. On which latitude has Indian Standard Time been determined?

A.  $23^\circ$  western longitude

B.  $23 \frac{1}{2}^\circ$  eastern longitude

C.  $82 \frac{1}{2}^\circ$  western longitude



D.  $82 \frac{1}{2}^{\circ}$  eastern longitude

**Answer: D**



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**5. In how many time zones is the world divided**

?

A. 10

B. 12

C. 20

D. 24

**Answer: D**



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## Additional Questions With Answers Very Short Answer Type Questions

**1. What is latitude?**



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2. What is a longitude?



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3. What is the relationship between longitude and time ?



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4. What is the longitudinal extent of the earth?



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5. What is the latitudinal extent of the earth?



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6. How can you say that the earth is not a circle but sphere ?



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7. Why are latitudes and longitudes measured in degrees?



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8. How can we determine latitude of a place?



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9. What is IST ?



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10. Which countries have more than one time zone?



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**Additional Questions With Answers Short Answer Type Questions**

1. When it is 12:00 noon in Greenwich then what will be the time at Thimbu, capital of Bhutan which is located at  $90^\circ$  east?



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2. When it is 12:00 noon in Greenwich then what will be the time at New Orleans which is located at  $90^\circ$  west ?



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3. When it is 12:00 noon in Greenwich then what will be the time at New York which is located at  $74^\circ$  west ?



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4. What is International Date Line ? What is its importance ?



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## Additional Questions With Answers Long Answer Type Questions

1. Explain the relationship between longitude and time.





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2. Explain the process or drawing latitudes.



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3. Explain the process of drawing longitudes.



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1. How many longitudes are there ?



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2. How many latitudes are there?



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3. What happens to time when we move from west to east and increases with our westward

movement ?



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4. name some countries having more than one standard time.



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5. Give other name for great circle.



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6. What is IST ?



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7. Why there is a time gap of 4 minutes in one degree of longitude?



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