

PARAGON CONVENT SCHOOL

SECTOR – 24 B, CHANDIGARH

CLASS – 6 (GEOGRAPHY)

CHAPTER – 2

THE GLOBE – LATITUDES AND LONGITUDES

TEXTBOOK WORK

MCQs (Page no – 116)

- 1) B
- 2) B

MCQs (Page no – 117)

- 1) B
- 2) C

MCQs (Page no – 118)

- 1) B
- 2) B

MCQs (Page no – 118)

- 1) B
- 2) C

MCQs (Page no – 120)

- 1) A
- 2) A

EXERCISE

A) MCQs

- 1) A
- 2) A

B) FILL IN THE BLANKS

- 1) high
- 2) cold
- 3) Equator
- 4) temperate
- 5) Canton, in Ohio eastern USA

C) MATCH THE FOLLOWING

- 1) International date line – (b) 180° meridian
- 2) latitudes – (a) imaginary lines parallel to Equator
- 3) longitude –(f) imaginary lines running from North Pole to South Pole

- 4) Prime Meridian – (d) the 0° longitude
- 5) Allahabad – (c) $82\frac{1}{2}^{\circ}$ E
- 6) The Tropic of Cancer – (e) $23\frac{1}{2}^{\circ}$ N

ANSWER THE FOLLOWING

A) MCQs

- 1) C
- 2) C

TEXTBOOK WORK

B) Differentiate between the following.

- 1) latitudes and longitudes

Ans)

Latitudes	Longitudes
1)They are imaginary lines that run from west to east.	1)They are imaginary lines that run from North Pole to the South Pole.
2)They are parallel to each other.	2)They are semicircle.
3)The length of the parallels decreases towards the poles.	3)The distance between two longitudes decreases towards the poles.
4)The distance between two parallels remains the same at all points.	4)The distance between two longitudes decreases towards the poles.

5)They are used as a reference, along with the longitude , to locate a place on the map.	5)They are used as a reference, along with the latitude, to locate a place on the map. They also help in calculating the time of the particular place.
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2)torrid zone and frigid zone

Ans)

Torrid Zone	Frigid Zone
1)All places located between the Tropic of Cancer and the Tropic of Capricorn fall in the torrid zone.	1)In the north, it lies between the Arctic Circle and the North Pole. In the south, it lies between the Antarctic Circle and the South Pole.
2)They receive vertical rays of the Sun.	2)They receive extreme slanting rays of the Sun.
3)They receive maximum amount of sunlight.	3)They receive minimum amount of sunlight.
4)The climate is very hot in this region.	4)The climate of this region is very cold throughout the year.

C) SHORT ANSWER QUESTIONS

1)Name any five countries located in the Northern Hemisphere.

Ans) The five countries located in the Northern Hemisphere are USA , Canada , Russia , China and India.

2) Write about the standard time with reference to India.

Ans) In India, $82\frac{1}{2}^{\circ}\text{E}$ longitude which passes through Allahabad is used as reference for the standard time for the whole country.

3) Define (the Earth's) grid.

Ans) Grid is the network of innumerable latitudes and longitudes. It helps us in locating the position of a place on the globe.

4) What is International Date Line ?

Ans) International Date Line is the 180°E and 180°W in the same meridian. It is drawn on the map in a zig-zag manner to avoid confusion of date within a country or island.

D) LONG ANSWER QUESTIONS

1) Write the main features of the parallels.

Ans) The main features of the parallels are as follows:

a) They are horizontal lines that run from the west to east direction.

b) The length of the parallels starts decreasing as one moves away from the Equator towards the Poles.

c) The distance between any two parallel remains the same at all locations.

d) The Equator, which is the 0° latitude, divides the Earth into the Northern and Southern Hemisphere.

e) Parallel lines like the Tropic of Cancer, the Tropic of Capricorn, the Arctic Circle and the Antarctic Circle divide the Earth into different heat zones.

2) Why do different heat zones have different climates? Write briefly about the temperate zone.

Ans) Different heat zones have different climates because the amount of sunlight varies due to the spherical shape of the Earth. Those places that receive the greatest amount of sunlight are hotter than those places that receive less amount of sunlight.

The temperate zone receives slanting rays of the sun, so they receive less heat from the Sun. The North Temperate Zone lies in the Northern Hemisphere between the Tropic of Cancer and the Arctic Circle. The South Temperate Zone is located in the Southern Hemisphere between the Tropic of Capricorn and the Antarctic Circle.

3) Discuss the importance of longitudes.

Ans) a) Longitudes divide the Earth into the Eastern and the Western Hemisphere.

b) The Earth rotates from the west to east and completes one circle of 360° in about 24 hours.

c) The longitude passing through Greenwich is the Prime Meridian that has been taken as the standard meridian by all countries of the world.

d) The difference in time between any two places is due to the fact that they are located at different longitudes or meridians.