



Estd. 1861

BOYS' HIGH SCHOOL AND COLLEGE

FIRST TERM EXAMINATION (2025-26)

CLASS - IX

GEOGRAPHY

Attempt eight questions in all.

Part I is compulsory. All questions from part 1 are to be attempted.

A total of five questions are to be attempted from part II.

The intended marks for questions or parts of questions are given in brackets []

M.M. - 80

Part - I (30 Marks)

Attempt all questions from this Part

QI. Choose the correct answer in the questions from the given options : (16X1=16)

- Theabsorbs the harmful ultraviolet rays and prevents them from entering the Earth's surface.
 - Biosphere
 - Ozone Layer
 - lithosphere
 - geographic grid
-is the name given to the actual shape of the Earth.
 - Stratum
 - terrestrial
 - antipodal
 - oblate spheroid
-is the term used for the layer of water present on the surface of the Earth.
 - hydrosphere
 - lithosphere
 - biosphere
 - geosphere
- Equator intersects the Earth's surface with the plane perpendicular to the Earth's axis of and midway between the North and south poles.
 - revolution
 - geoid
 - north geographic pole
 - rotation
- The tropic of carpricorn is
 - $23\frac{1}{2}^{\circ}$ N
 - $23\frac{1}{2}^{\circ}$ S
 - 30° S
 - 30° N
- Longitudes is a global system which precisely identifies locations using theas a reference point for longitudes
 - equator
 - prime meridian
 - tropic of cancer
 - tropic of Capricorn
- Meridian means
 - mid day
 - zones
 - place on the surface of the Earth
 - extreme points of the axis of the Earth
- is the curved path followed by a planet to move around another planetary object.
 - solistice
 - revolution
 - orbit
 - aphelion
- A day that falls on 23 September when the sun is vertically over the Equator and the days and nights are equal.
 - autumnal equinox
 - vernal equinox
 - spring equinox
 - northward equinox
- The point closest to the sun on the Earth's orbital path is called the
 - perihelion
 - aphelion
 - tropics
 - equinox
- The core of the Earth has a temperature of abouton an average.
 - 5000°C
 - 2200°C
 - 10000°C
 - 12000°C
-is made up of rocks rich in silicates and magnesium
 - sima
 - mantle
 - barry sphere
 - sial
- The original landmass of sial named became fractured and parts of it drifted away to form the separate continental landmasses.
 - mesosphere
 - lithosphere
 - Pangaea
 - asthenosphere
- The horizontal and vertical dimensions of land is called
 - terrain
 - intermontane plateaus
 - graben
 - fissures

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15. The dense Equatorial Vegetation of the Amazon basin is known as the

- a) selvas
- b) xerophytes
- c) steppe
- d) conifers

16.is incoming solar radiation

- a) insolation
- b) ionizing radiation
- c) non ionizing radiation
- d) gamma radiation

Q II. Answer the following questions briefly.

(7 X 2 = 14)

- i. Give two reasons to explain why Equatorial forests are not commercially exploited.
- ii. Explain the occurrence of flash floods in the tropical deserts.
- iii. Define a plateau and give one example.
- iv. What is the composition of the crust?
- v. What is the 'inclination of Earth's axis'?
- vi. What causes seasons ?
- vii. Explain the heat zones of the Earth.

PART – II (50 Marks)

(Attempt any five questions from this section)

QIII. Answer the following questions briefly.

- 1. Mention two features of the Earth that make it suitable for life. (2)
- 2. What is antipodal balance? (2)
- 3. (i) How does the effect of gravity explain the spherical shape of the Earth? (1.5)
- (ii) How does the Earth's atmosphere stand out in the solar system? (1.5)
- 4. (i) How does the lithosphere support life on Earth? (1.5)
- (ii) Explain briefly the Circumnavigation theory of the Earth. (1.5)

Q IV.

- 1. When it is 12 noon at Greenwich, what is the local time at Singapore, 103.8 E (2)
- 2. Explain in brief any two important latitudes (2)
- 3. (i) What is meant by the Tropical Zone? (1.5)
- (ii) Which phenomena is the basis of time measurement? (1.5)
- 4. (i) How does the calculation of a great circle saves fuel and time? (1)
- (ii) Internationally how many time zones are accepted? (1)
- (iii) What is the standard meridian of India and the Indian Standard Time? (1)

Q V.

- 1. Draw a neat and labeled diagram of the following : Summer solstice (2)
- 2. Draw a neat and labeled diagram of the following : Circle of Illumination (2)
- 3. (i) Define axis of the Earth. (1.5)
- (ii) Define Coriolis force. (1.5)
- 4. (i) Briefly explain revolution of the Earth. (1.5)
- (ii) Write any two important consequences of the Earth's rotation. (1.5)

Q VI.

- 1. Name any two important tectonic plates. (2)
- 2. Write any two features of the Earth's mantle. (2)
- 3. Draw a neat and labeled diagram of the schematic view of the interior of the Earth. (3)
- 4. (i) Explain the composition of Ultra basic rock and where is it found? (1.5)
- (ii) Give two differences between sial and sima. (1.5)

Q VII.

- 1. Explain how are fold mountains formed. (2)
- 2. Write any two characteristics of plains. (2)
- 3. Write any two differences between rocks and minerals. (3)
- 4. Draw a neat and labeled diagram of the rock cycle. (3)

Q VIII. Give reasons:

- 1. The region beyond the Arctic is called the frigid zone. (2)
- 2. The Earth is called a 'Watery planet' (2)
- 3. Draw a neat and labeled diagram of the Heat Zones. (3)
- 4. Write any two demerits of Great Circles. (3)
