



Estd. 1861

BOYS' HIGH SCHOOL AND COLLEGE
FIRST TERM EXAMINATION (2024-25)
CLASS - IX
GEOGRAPHY

M.M 80

Time - 2 hours

Attempt seven questions in all.

Part 1 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 []

PART-1 (30 Marks)

Attempt all questions from this Part

Q 1. Choose the correct answer to the questions from the given options:

[16]

1. Which of the following words is used to describe the shape of the Earth?
 - a) Oblate Spheroid
 - b) Oval
 - c) Circle
 - d) Semi- circle
2. Earth's diameter at the Equator is
 - a.12,750 km
 - b.12,752 km
 - c.12,756 km
 - d) 12,345 km
3. The various forms of life on the Earth constitute the
 - a) ionosphere
 - b) biosphere
 - c) hemisphere
 - d) none of the above
4. _____ is the longest latitude equal to the circumference of the Earth.
 - a) 90°
 - b) 120°
 - c) 0°
 - d) 100°
5. Meridian means.....
 - a) Sunday
 - b) Mid-day
 - c) Morning
 - d) Late Evening
6. The arc of a..... is always the shortest distance.
 - a) small circle
 - b) great circle
 - c) semi- circle
 - d) none of the above
7. The International Date Line was established in the year.....
 - a) 1885
 - b) 1884
 - c) 1886
 - d) 1889
8. On which of the following dates does the summer solstice falls?
 - a) 22 December
 - b) 23 September
 - c) 21 March
 - d) 21 June
9. The movement of the earth around the sun is known as
 - a) Rotation
 - b) Revolution
 - c) Incination
 - d) Eccentricity
10. The temperature within the Earth increases by 1° C for every of descent.
 - a) 24m
 - b) 32m
 - c) 64m
 - d) 12m
11. _____ is a common extrusive igneous rock generally used for the construction of roads and forms fertile black soil.
 - a) Granite
 - b) Abyssal
 - c) Basalt
 - d) Hypabyssal
12. The process of transformation of sediments into hard rocks is called _____.
 - a) Breccia
 - b) Lithification
 - c) cementation
 - d) sedimentation
13. _____ is used for glass making.
 - a) Gneiss
 - b) Graphite
 - c) Quartzite
 - d) Marble
14. _____ is the latest important theory for the formations of fold mountains.
 - a) Orogenic
 - b) Plate Tectonic
 - c) Faulting
 - d) Geosynclines
15. _____ in the oceans and seas affects marine flora and fauna.
 - a) Biocides
 - b) Nuclides
 - c) Oil Spills
 - d) Cosmic rays
16. _____ harms the ecological balance of the water bodies.
 - a) Radioactive Pollution
 - b) Noise Pollution
 - c) Thermal Pollution
 - d) Isotopes

Q 2. Answer the following questions briefly:

[2X7]

1. What are the unique features of the Earth?
2. What is antipodal balance ?
3. Define Equator.
4. Mention any *two* effects of Earth's Rotation.
5. Name any *two* concentric layers of the Earth.
6. What is the full form of PAH and PCB?
7. What is Radioactive Pollution ?

Part -II (50 Marks)

(Attempt any *five* questions from this section)

Q1.

1. Explain the Bedford level experiment with the help of a diagram. (3)
2. Mention any three factors that make Earth a Unique Planet. (3)
3. What is the importance of lithosphere? (2)
4. Name the fifth largest planet in the Solar System. (2)

Q2.

1. List any two uses of the lines of latitude. Express 1° angular distance in kilometres. (3)
2. With the help of a diagram, show the important lines of latitude. (3)
3. List any two uses of the Great Circles. (2)
4. State the meaning of the International Date Line. (2)

Q3.

1. How has the phenomenon of the 'Midnight Sun' come about? (3)
2. What is the relationship of seasons between the Northern and Southern Hemispheres? (3)
3. What is meant by Equinox? (2)
4. On which dates does the sun shine vertically overhead at: (2)
(a) Equator
(b) Tropic of Cancer

Q4.

1. Describe the mantle. State its two chief characteristics. (3)
2. What is the composition of the earth's crust? Explain. (3)
3. Which layer is responsible for earth's magnetic field? Why? (2)
4. Distinguish between Sial and Sima (*any two*) (2)

Q5.

1. Why are the fold mountains called so? (3)
2. Give a brief definition of a plateau. (3)
3. Mention any two characteristics of block mountains. (2)
4. What do you mean by Orogenic movements? (2)

Q6.

1. Describe how igneous rocks are formed. State their main characteristics. (3)
2. Explain the formation of organically formed sedimentary rocks. (3)
3. What is Rock Cycle? (2)
4. Mention any *two* uses of metamorphic rocks. (2)
