



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

Estd. 1861

**Python**  
Robotics & AI



**JAVA**  
Comp. Applications



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**EXPERTS'**  
INSTITUTE

*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 [ ]*

*Note: In the map work make wise use of arrows to avoid overcrowding of the map.*

**Part – I (30 Marks)**

**Attempt all questions from this Part**

**Q1. On the outline world map mark and label the following. (10)**

- |                        |                           |
|------------------------|---------------------------|
| 1. Gulf of Mexico      | 6. Canadian Shield        |
| 2. Caspian Sea         | 7. Scandinavian Highlands |
| 3. Strait of Gibraltar | 8. Patagonian Plateau     |
| 4. River Amazon        | 9. The Alps               |
| 5. The Andes           | 10. River Darling         |

**Q2. Choose the correct answer to the questions from the given options. (10)**

- i. The oceans are roughly .....in shape, pointing northwards.
 

a) cylindrical	b) oval
c) elliptical	d) triangular
- ii. The pole star is located overhead the .....as the earth is spherical.
 

a) south pole	b) celestial equator
c) southern horizon	d) north pole
- iii. The prime Meridian is a meridian or line of longitude which is ....
 

a) 0°	b) 1°	c) 360°	d) 4°
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- iv. When rock shells separate in succession from the original rock masses, learning behind successively smaller spherical bodies. This process is also called .....
 

a) insolation	b) oxidation
c) granular disintegration	d) spalling
- v. ....is a natural spectacular display of lights seen in the Antarctic region.
 

a) aurora australis	b) meteor showers
c) geocorona	d) star link
- vi. An iceberg floats partly submerged in sea water because
 

a) the density of sea water is lesser than the density of ice
b) the density of sea water is greater than the density of ice
c) the density of fresh water is 1.0kg/L at 4°C
d) the temperature of ice is lesser than sea water.
- vii. Which currents meet at 50°N latitude creating heavy fogs and one of the world's richest fishing grounds.
 

a) Oya Shio and Kuro Shio currents
b) Canaries current and Gulf stream
c) Gulf stream and the cold Benguela current
d) Labrador current and the Gulf stream
- viii. ....is a fine grained coherent, friable, porous, yellowish dust found in the western states of the USA, Argentina, Germany Belgium, China etc.
 

a) erg	b) loess
c) avalanche	d) seifs
- ix. The Hawaiian Island are .....in origin.
 

a) volcanic	b) geo thermal
c) panoramic	d) glacial
- x. The .....of an earthquake is its point of origin below ground.
 

a) epicenter	b) hypocenter
c) hygrosopic nucleic	d) centerfold

**Q3. Answer the following questions briefly. (5X2=10)**

1. State two effects of Climate Change.
2. State two differences between cold current and warm current.
3. What effect does salinity have on the ocean currents?
4. Explain the process of cavitation in a waterfall.
5. Explain how volcanic eruption may trigger an earthquake.

**PART – II (50 Marks)**  
**(Attempt any five questions from this section)**

**Q I.**

1. Explain the two most important characteristic features of insolation. (2)
2. Why do deserts have a high diurnal range of temperature? (2)
3. (i) How do the Westerlies influence the climate of north-west Europe? (3)  
(ii) Name any two warm local winds.
4. Give reasons - (3)  
(i) The plains of Uttar Pradesh and Bihar experience Phases of very high temperature.  
(ii) Thick vegetation and numerous settlements are found on the southern slopes of the Alps.

**Q II.**

1. Write two characteristics of the Westerlies. (2)
2. Name two pressure belts which have formed due to the earth's rotation. (2)
3. Give reasons - (3)  
(i) Sailing ships can get stuck in calm waters near the equator.  
(ii) Equatorial Region receives 4 o'clock showers on a regular basis.
4. (i) Why does a tropical cyclone originate thermally? (3)  
(ii) Draw a neat and labeled diagram of a cyclone.

**Q III.**

1. What is the importance of relative humidity. (2)
2. Discuss any two forms of condensation in the atmosphere. (2)
3. Differentiate between the following: (3)  
(i) windward side and rain shadow area  
(ii) dew and frost
4. Draw a neat and labeled diagram of convectional rainfall. (3)

**Q IV.**

1. How does the increased amount of carbon dioxide and carbon monoxide affect the environment? (2)
2. What is the effect of high frequency sound on human beings? (2)
3. Explain the harm caused by radioactive materials to living beings after the nuclear disaster at Nagasaki and Hiroshima? (3)
4. (i) How did the Minamata disease affect the bay ecosystem? (3)  
(ii) How are CFCs causing the depletion of ozone?

**Q V.**

1. Give two reasons to explain why Equatorial forests are not commercially exploited. (2)
2. State how the natural vegetation in the tropical deserts has adapted itself to survive the arid conditions. (2)
3. Give reasons - (3)  
(i) Flash floods occur in tropical deserts  
(ii) The Equatorial regions show double maxima of rainfall?
4. (i) What is the latitudinal extent of the 'Taiga'? (3)  
(ii) What are the different species of conifers growing in the 'Taiga'?

**Q VI.**

1. (i) Define photochemical smog? (2)  
(ii) What is meant by congenital defects?
2. Explain how does the Tropical Monsoon region receive southwest monsoons? (2)
3. Give reasons - (3)  
(i) Dew is common in the winter season  
(ii) Relative humidity changes from place to place and time to time.
4. Draw a neat and labeled diagram of the sea breeze. (3)

**Q. VII**

1. Elucidate with one example how latitude affects the temperature of a place. (2)
2. State the difference between insolation and terrestrial radiation. (2)
3. Give reasons: (3)  
(i) The north east coast of Canada remains ice-bound for nine months.  
(ii) How do the clouds impact the temperature of a place?
4. State two differences between orographic rainfall and cyclonic rainfall. (3)

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