



St. Mary's Convent Inter College, Prayagraj

First Terminal Examination 2025-26

Subject - Geography

Time : 2hrs.

Class - 9

M.M. : 80

Name :

Roll No.

Date :

Part 1

Q1. Choose the correct answer:

[10x1=10]

a. Assertion-Reason based questions.

Assertion (A): As the interior of the earth is very hot, pressure and temperature both are very high there.

Reason (R): Due to high temperature fold mountains are formed.

1. Both A and R are true and R is the correct explanation of A.
2. Both A and R are true but R is not the correct explanation of A.
3. A is true but R is false.
4. A is false but R is true.

b. On which of the following dates does the South Pole experience 24 hrs of daylight?

1. 22 Dec
2. 25 Dec
3. 23 Dec
4. 18 Aug

c. Which volcanic gas is the most abundant component of volcanic emissions?

1. Carbon dioxide
2. Sulphur dioxide
3. Hydrogen sulphide
4. Nitrogen

d. Daylight is less in which season?

1. Summer
2. Winter.
3. Neither summer nor winter.
4. Both in summer and winter.

e. At what angle is the earth tilted from a line perpendicular to the plane.

1. $66\frac{1}{2}^\circ$
2. $23\frac{1}{2}^\circ$
3. $26\frac{1}{2}^\circ$
4. $44\frac{1}{2}^\circ$

f. The time difference between I.S.T and the GMT is.....

1. 5hrs 40 min
2. 6 hrs 30 min
3. 5hrs 30min
4. 5.5 hrs

g. Assertion and reason based question.

Assertion A: inner core is made up of heavy metal like ferrous and nickel.

Reason R: the inner core remains solid due to the high temperature that prevents the iron and nickel from melting.

1. A is correct, R is incorrect.
2. A and R both are correct but R is not the correct explanation of A.
3. A and R both are incorrect.
4. A and R are correct, and R is the correct explanation of statement A.

h. What is the primary cause of earthquakes?

1. Plate tectonic
2. Epicenter
3. Volcanic activity
4. Tidal force

i. Match the Column and choose the correct option.

S.N	Table A	S.N	Table B
A	Stomboli	1	2001
B	Bhuj	2	Sedimentary rock
C	Hypabassal	3	Metamorphic rock
D	Limestone	4	Light house of the Mediterranean sea
E	Marble	5	Intrusive igneous rocks

1. A-5, B-4, C-3, D-2, E-1.
2. A-4, B-1, C-5, D-2, E-3.
3. A-1, B-2, C-3, D-4, E-5
4. A-2, B-5, C-4, D-3, E-1.

j. What is the limit of the temperate zone in the Southern Hemisphere?

1. Tropic of Cancer to Equator
2. Tropic of Capricorn to Arctic Circle
3. Tropic of Capricorn to Equator
4. Tropic of Cancer to Tropic of Capricorn



Q2. On the given outline map of the world mark the following:

[10x1=10]

- Mark and label the Nile river.
- Mark and label Appalachian Mountain
- Mark red colour point and label Bering Strait
- Shade and label Hudson Bay
- Shade and label Smallest Continent.
- Mark and label the Indus river.
- Shade and mark Plateau of Tibet.
- Mark largest Ocean.
- Shade and mark the Mediterranean sea.
- Shade and mark Gulf of Capentria.

Q3. Answer the following questions:

[10x1=10]

- Name the two important gases present in our Earth's atmosphere.
- Why do large countries have so many time zones?
- What do you mean by Circle of Illumination?
- What type of rock is formed by the transformation of existing rocks under the influence of heat and pressure?
- What is the importance of the Great Circle route?
- What is the process behind the generation of residual mountains?
- What are the products ejected from a volcano?
- Why are rocks important to us?
- Name the science which studies earthquakes.
- Give two examples of extrusive igneous rock.

Part 2

Attempt any five questions from this part

Q4.

- Define the following terms - Photochemical process and Biosphere. [2]
- Give a geographical reason [2]
 - The Earth's shape is geoid.
 - Earth is called a blue planet.
- What were the misconceptions regarding the shape of the earth? [3]
 - What is the process by which nutrients are returned to the soil through the decomposition of organic matter called?
- With the help of a diagram explain how the Lunar Eclipse proves that the Earth is spherical in shape. [3]

Q5.

- Differentiate between Parallel of Latitude and Meridian of longitude. [2]
- Give a geographical reason for each of the following: [2]
 - The IDL is not a straight line like other longitudes.
 - Parallels are not equal in length.
- If the time at 45°W longitude is 2 pm, what will be the time at 45°E and 75°W longitude. [3]
- Differentiate between: [3]
 - Torrid zone and Temperate Zone.
 - Local time and Standard time.
 - International date line and Greenwich Mean Time.

Q6.

- State any two effects of rotation of the earth. [2]
- Give one difference between each: [2]
 - Perihelion and Aphelion.
 - Spring Equinox and Autumn Equinox.



- c. The revolution of the earth represents the dynamic and continuous motion that defines our planet's journey through space and its relationship to the celestial bodies around us. [3]
- i. What is Revolution?
 - ii. What kind of path is followed by the earth in revolution?
 - iii. What impact does revolution have on the earth seasons?
- d. With reference to Equinox answer the following questions: [3]
- i. What do you mean by the term Equinox?
 - ii. How does it occur?
 - iii. Give the date when it occurs .

Q7.

- a. What is the Mohorovičić discontinuity (Moho)? [2]
- b. What is the thickness and composition of the Earth's crust under continents and oceans? [2]
- c. What are the properties of the inner core and outer core?(3points) [3]
- d. What are the main characteristics of the mantle?(3 points) [3]

Q8

- a. Plains are flat land surfaces, generally not more than 200 m above the mean sea level. There are two types of plains based on how they were formed. [2]
 - i. Name the plains formed on the basis of its formation.
 - ii. What is the importance of Plains?
- b. Draw neat diagram of anticline and syncline. [2]
- c. How are residual mountains formed? Give an example of it. [3]
- d. Give three differences between Fold mountains and Block mountains. [3]

Q9

- a. Differentiate between Rocks and Minerals? (Mention any two points) [2]
- b. Identify and name the type of rock: [2]
 - i. Dolomite
 - ii. Obsidian
- c. With reference to Igneous rocks answer the following: [3]
 - i. What are Intrusive Igneous Rocks?
 - ii. Give one example of Intrusive Igneous Rocks?
 - iii. Write any one characteristic of Igneous Rocks?
- d. Draw a neat and well-labelled diagram of Rock cycle? [3]

Q10

- a. Where do volcanic eruptions generally occur? Give one example. [2]
- b. Give the difference between an active volcano and an extinct volcano. [2]
- c. Give 3 adverse effects of volcanoes. [3]
- d. Give reason for the following: [3]
 - i. The circum is also called the ring of fire.
 - ii. Mount Vesuvius in Italy is a dormant volcano.
 - iii People take bath in hot springs.

Q11

- a. Earthquakes are violent catastrophic events. It is caused when plates are colliding with each other. [2]
 - i. Name the instrument used to measure an earthquake.
 - ii. Name any belt which is known for earthquakes.
- b. What is a Tsunami? Give example of it. [2]
- c. Mention destructive effects of an earthquake. What is meant by Hot spring? [3]
- d. i. Give difference between focus and epicenter. [3]
 - ii. Name the scale which measures the intensity of an earthquake.