



**DELHI PUBLIC SCHOOL NEWTOWN**  
**SESSION 2023-2024**  
**MONDAY TEST**

**CLASS: IX**  
**SUBJECT: GEOGRAPHY**

**FULL MARKS: 40**  
**DATE: 08.05.2023**

**INSTRUCTIONS:**

- This paper consists of three printed pages.
- Answers should be to the point.
- Copy the question numbers carefully before answering the questions.

Attempt all questions  
**SECTION-A**

**Question 1**

Mark and label the following on the given World map:

[10x1=10]

- (i) North Sea
- (ii) Atlantic ocean
- (iii) Gulf of Carpentaria
- (iv) River Mississippi
- (v) The largest river of the world
- (vi) River Indus
- (vii) River Euphrates
- (viii) River Orange
- (ix) Bering Strait
- (x) River Hwang Ho

**Question 2**

Choose the correct option:

[5x1=5]

- i) What is the polar diameter of the earth?
  - (a) 12756 km
  - (b) 12576 km
  - (c) 12714 km
  - (d) 12741 km
  
- ii) The layer between 100 and 410 km beneath the earth's surface is called \_\_\_\_\_.
  - (a) Core
  - (b) Asthenosphere
  - (c) Crust
  - (d) Lower Mantle
  
- iii) If GMT is 1:00 PM, what will be the time in India?
  - (a) 4:30 PM
  - (b) 7:30 AM
  - (c) 6:30 PM
  - (d) 6:30 AM

iv) The earth has been divided into \_\_\_\_\_ Time Zones.

- (a) 15
- (b) 24
- (c) 12
- (d) 360

v) The layer which has the characteristics of both the Crust and the Mantle is \_\_\_\_.

- (a) Moho Discontinuity
- (b) Core
- (c) Gutenberg Discontinuity
- (d) Sima

## SECTION-B

### Question 3

(i) Define the following: [2]

- (a) Ecosystem
- (b) Biosphere

(ii) Explain the role of water in maintaining heat on the earth. [2]

(iii) Give reasons for the following: [3]

- (a) The distance between the earth and the sun makes life possible on the earth.
- (b) Venus is the second planet from the Sun but it is hotter than Mercury.
- (c) The atmosphere helps to keep the earth warm.

### Question 4

(i) State two characteristics of lines of latitude. [2]

(ii) Write two uses of Great Circles. [2]

(iii) Give reasons for the following: [3]

- (a) All meridians of longitude are of equal length.
- (b) Standard Time must always be divisible by  $7\frac{1}{2}^0$ .
- (c) The International Date Line bends and goes zig zag near some islands.

(iv) Draw a well labeled diagram of Heat Zones of the earth. [3]

### Question 5

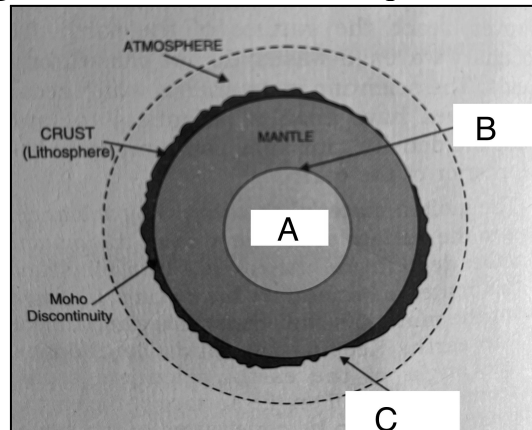
(i) Distinguish between Sial and Sima. [2]

(ii) Give geographical reasons for the following: [3]

- (a) Gutenberg Discontinuity is dense.
- (b) Lower Mantle is solid.
- (c) The Core is responsible for earth's magnetism.

**(iii) Study the diagram given below and answer the questions that follow:**

**[3]**



- (a) Name the features labeled B and C.**
- (b) State two characteristics of the layer labeled A.**