



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.
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**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 $7\frac{1}{2}^{\circ}$.
- (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

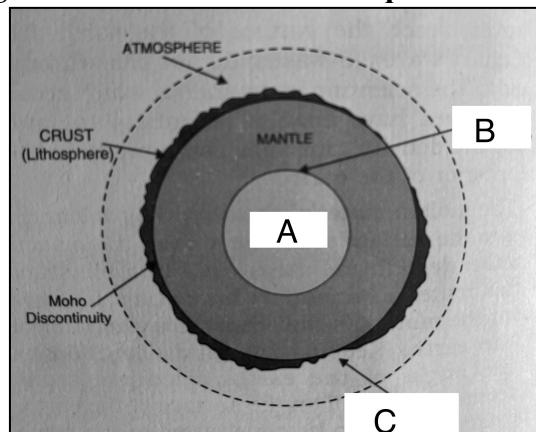
(i) Distinguish between Sial and Sima. [2]

(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.