



DELHI PUBLIC SCHOOL NEWTOWN
SESSION 2023-24
MONDAY TEST

CLASS: IX
SUBJECT: GEOGRAPHY

FULL MARKS: 40
DATE: 30-10-23

General Instructions:

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

Attempt all questions

Question 1

On the outline map of the world provided :

[10]

- (i) Shade and label Hudson Bay
- (ii) Shade and label Persian Gulf
- (iii) Shade and label South China Sea
- (iv) Shade and name the longest river of the world
- (v) Mark and label Tibetan Plateau
- (vi) Mark and label Patagonian Plateau
- (vii) Mark and label Mount Atlas
- (viii) Mark and label Mount Appalachian
- (ix) Shade and label River Danube
- (x) Shade and name River Irrawaddy

Question 2

Choose the correct answers to the questions from the given options.

[5]

(Do not copy the question, write the correct answers only.)

- (i) Which of the following layers is responsible for wireless communication?
 - (a) Stratosphere
 - (b) Mesosphere
 - (c) Troposphere
 - (d) Ionosphere
- (ii) The lower temperature in the valley than higher up the slopes is known as _____.
 - (a) Mountain breeze
 - (b) Inversion of Temperature
 - (c) Valley Breeze
 - (d) Normal Lapse rate
- (iii) Which of the following is NOT correct?
 - (a) Frontal Rainfall : Cyclones
 - (b) Convectional Rainfall : 4 o'clock rainfall
 - (c) Orographic Rainfall: Windward side
 - (d) Cyclonic Rainfall : Mountains
- (iv) Which of the following is the impact of Global Warming?
 - (a) Ozone layer destruction
 - (b) Radiation Imbalance.
 - (c) Deforestation.
 - (d) Greenhouse effect in the atmosphere.

- (v) Assertion (A) : The amount of moisture in the atmosphere is related to latitude.
Reason (R) : The capacity to hold moisture in the form of water vapour is related to temperature.
- (a) Both A and R are correct and R is the correct explanation of A.
(b) Both A and R are correct but R is not the correct explanation of A.
(c) A is correct but R is incorrect.
(d) R is correct but A is incorrect.

Question 3

- (i) *"Antarctic sea ice reached its lowest ever recorded annual maximum extent, according to the National Snow and Ice Data Center. Scientists believe the decline is likely linked to warming in the uppermost ocean layer due to Global warming and Ozone depletion. Hindustan Times, 27 September 2023."*

Why is depletion of the ozone layer common in Antarctica? [2]

- (ii) Define the following: [2]

- (a) Normal lapse rate.
(b) Greenhouse effect.

- (iii) Give the geographical reasons for each of the following: [3]

- (a) All weather phenomena take place in the troposphere.
(b) Volcanoes play a role in Ozone depletion.
(c) Stratosphere is considered ideal for flying jet aircrafts.

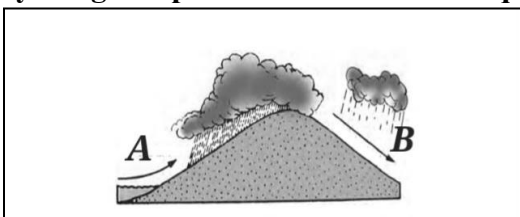
Question 4

- (i) "Temperature depends on the latitude of a place." Justify the statement with any two supporting arguments. [2]
- (ii) Differentiate between Insolation and Terrestrial Radiation. [2]
- (iii) Give geographical reasons for the following statements: [3]
- (a) Chennai is warmer than Agra in December.
(b) Temperature decreases with the increase in height.
(c) Snow melts more quickly on the south facing slopes of the Alps than on the north facing slopes.

- (iv) Draw a well labeled diagram to show land breeze. [3]

Question 5

- (i) Distinguish between Absolute Humidity and Relative Humidity. [2]
- (ii) Give geographical reasons for the following statements: [3]
- (a) The total volume of water in the oceans and seas remains constant.
(b) Dust particles are an important component of condensation.
(c) On a humid day, the wet clothes take a longer time to dry.
- (iii) Study the given picture and answer the questions that follow: [3]



- (a) Name the type of rainfall given in the picture.
(b) Give an example of this type of rainfall from India.
(c) Identify and name A and B.