



**DELHI PUBLIC SCHOOL NEWTOWN**  
**SESSION 2020-2021**  
**MONDAY TEST**

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

**FULL MARKS: 40**  
**DATE: 19-11-2020**

**General Instructions:**

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

**Attempt all questions.**

**Question 1**

**On the given outline map of the World provided:**

**[10x1=10]**

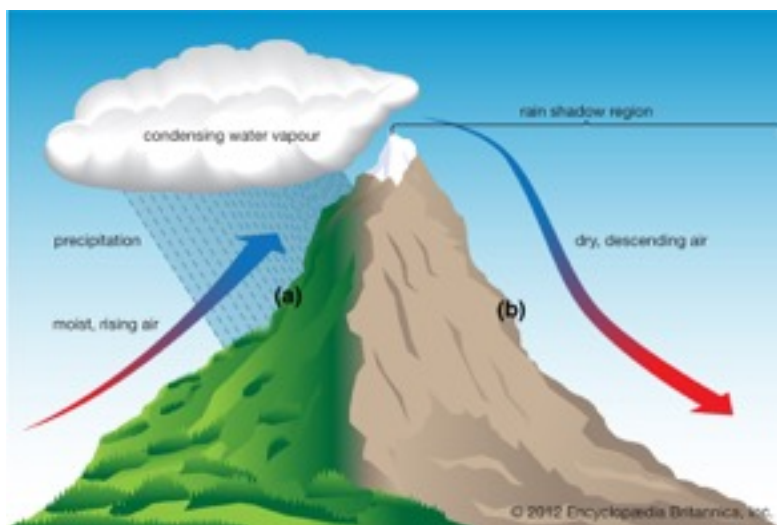
- (a) Shade and label Canadian Shield
- (b) Shade and label South China Sea
- (c) Mark and label River Mekong
- (d) Mark and label River Niger
- (e) Mark and name the longest mountain range of the world
- (f) Mark and label Pyrenees
- (g) Shade and label Tibetan Plateau
- (h) Shade and label Hudson Bay
- (i) Shade and label Bering Strait
- (j) Mark, name and label the strait separating Europe and Africa

**Question 2**

- (a) How is stratospheric ozone generated? How is it helpful? [2]
- (b) State two importance of ionosphere. [2]
- (c) (i) Name the layer of atmosphere in which all the weather phenomena take place.  
(ii) State the rate of change of temperature in this layer.  
(iii) What is the upper limit of this layer called? [3]
- (d) What are 'greenhouse gases'? Name the two most important greenhouse gases. Write any two effects of global warming. [3]

### Question 3

- (a) What is precipitation? When does it take place? [2]
- (b) Give a geographical reason for each of the following: [2]
- Frontal rain is common in mid-latitudes.
  - Convictional rainfall is common in the Equatorial regions.
- (c) Study the picture given below and answer the questions that follow:



- What type of rainfall is depicted in the given picture?
  - Mention the geographical terms used for the slopes of the mountain labelled as (a) and (b) in the given picture.
  - State one example from India where this type of rainfall is received. [3]
- (d) Define the following:
- Hail
  - Snow
  - Humidity [3]

### Question 4

- (a) Write two differences between insolation and terrestrial radiation. [2]
- (b) How do ocean currents affect the temperature of a place? [2]
- (c) Give a geographical reason for each of the following: [3]
- Darjeeling is cooler than Kolkata in summer.
  - Mumbai is warmer than Kanpur in December.
  - Snow melts more quickly on the south facing slopes of the Himalayas than on the north facing slope.
- (d) On the basis of the heat zones of the earth, answer the following questions:
- Name the heat zone that lies between the North Pole and the Arctic Circle.
  - State the latitudinal extent of Temperate Zone.
  - Mention the temperature conditions in the Torrid Zone with reason. [3]