



ST. JOSEPH'S COLLEGE, PRAYAGRAJ

SECOND UNIT TEST - 2023

Class-9

GEOGRAPHY

Max. Mks: 30

(Max Time: 90 minutes)

Instructions

1. All questions are compulsory.
2. Do all SUBSECTIONS in correct SERIAL ORDER.
3. Kindly do all work NEATLY and SYSTEMATICALLY.

Question 1.

On the outline World map **mark and label** the following:

- | | |
|-------------------------|-----|
| a) Caspian Sea. | [1] |
| b) Bering Strait. | [1] |
| c) Gulf of Mexico. | [1] |
| d) Gulf of Guinea. | [1] |
| e) Strait of Gibraltar. | [1] |
| f) North Sea. | [1] |
| g) South China Sea. | [1] |
| h) Gulf of Carpentaria. | [1] |
| i) Mediterranean Sea. | [1] |
| j) Strait of Malacca. | [1] |

Question 2.

- a) *At the North Pole, a degraded ozone layer is responsible for the Arctic's rapid rate of warming, according to a 2020 study published in Nature Climate Change. CFCs are a more potent greenhouse gas than carbon dioxide, the most abundant planet-warming gas.*
1. What is Ozonosphere? State its importance.
 2. Name a natural source and a manmade source of Carbon Dioxide emission in the atmosphere. [2]
- b) Give a reason for each of the following: [2]
1. Airplanes mostly fly in the stratosphere.
 2. The Ionosphere is suited to long distance communication.
- c) i. What do you mean by Global Warming? [3]
ii. State any two consequences of global warming on weather and climate.
- d) Draw a self-explanatory diagram illustrating the structure of the atmosphere. [3]

Question 3.

- a) i. Differentiate between Insolation and Terrestrial Radiation. [2]
ii. State any two factors influencing the insolation of a place
- b) Name any four factors which influence the temperature of air. [2]
- c) Give a reason for each of the following: [3]
1. Distance from the sea affects the temperature of a place.
 2. Northern slopes of Himalayas are cooler than its southern slopes.
 3. The ports of the western coast of Europe remain ice-free during winter.
- d) i. How do winds and ocean currents influence the temperature in coastal areas. [3]
ii. Define Normal Lapse Rate

*****ALL THE BEST*****