

**Class:-7th**

**Geography, Case Study-4**

**A. Choose the correct answers:-**

1. All longitudinal lines meet at the.....
  - a. North pole and South Pole
2. What percentage of world's freshwater does Antarctica hold?
  - c. 70%
3. The fissure in a glacier is called.....
  - a. crevasse
4. The first Indian expedition to Antarctica from Goa was sent in.....
  - a. 1981
5. Strong wind accompanied by drifting snow is called.....
  - b. blizzard

**B. State whether the sentences are true or false.**

1. Antarctica is the third largest continent. **(False)**
2. Vinson Massif is the highest point in Antarctica. **(True)**
3. The penguin is the most common bird spotted in Antarctica. **(True)**
4. 18 countries signed the Antarctica Treaty agreeing to use the continent for research purposes. **(False)**
5. In 1915 the first landing was made in Antarctica. **(False)**

**C. Fill in the blanks with suitable words.**

1. **Maitri** is the permanent Indian station at Antarctica.
2. Humidity level is **very low** in Antarctica as all the air freezes.
3. The **krill** is a shrimp-like animal found in Antarctica that serves as a good source of protein.
4. **Iceberg** is a great mass of ice broken from a glacier.
5. **The Transantarctic Mountain Range** separates east and west Antarctica.

**D. Answer the following questions in 1-2 sentences.**

1. What is a blizzard?

Ans.1 A strong wind accompanied by drifting snow is called blizzard.

2. What is the highest point of Antarctica?

Ans.2 Vinson Massif is the highest point in Antarctica.

3. Which is the world's largest valley glacier?

Ans.3 The world's largest valley glacier is the Lambert Glacier in East Antarctica.

4. Which place has the most moderate climate in Antarctica?

Ans.4 Antarctic Peninsula has the most moderate climate.

5. Which water bodies surround Antarctica?

Ans.5 Antarctica is surrounded on all sides by water; the Atlantic, Pacific and Indian Oceans all meet at Antarctica. The three oceans are collectively called the Southern Ocean.

**E. Answer the following questions in 4-5 sentences.**

1. Why is Antarctica known as the White Continent?

Ans.1 Antarctica is called the White Continent as about 95% of the world's permanent ice is found here.

2. Why is east Antarctica colder than west Antarctica?

Ans.2 East Antarctica is colder than West Antarctica because of its higher elevation.

3. Why is there no permanent settlement in Antarctica?

Ans.3 Temperature in Antarctica rarely goes above 0°C, that's why this place is not suitable for permanent settlement.

4. Who made the first landing in Antarctica and when?

Ans.4 In 1911, the first landing was made and the Norwegian explorer Roald Amundsen reached the South Pole.

5. Where was the world's lowest temperature recorded?

Ans.5 The world's lowest temperature ever recorded was -89.2°C at Vostok Station in July 1983.