

GEOGRAPHY - CLASS 6
CHAPTER 5 – Major Domains of the Earth

WORKSHEET 2

1. True/False

1. The Atlantic Ocean is 'S' shaped. True
2. Biosphere is one of the layers of the Atmosphere. False
3. The South Pole lies almost at the centre of Antarctica. True
4. Africa is the second largest country after Asia. True
5. Pacific Ocean is 'L' in shape. False
6. The coastline of Atlantic Ocean is highly indented. True
7. The atmosphere is composed mainly of nitrogen and argon. False

2. Why nitrogen considered as a significant gas?

- Nitrogen is considered as a significant gas because it helps in the growth of living organisms.

3. Name the three main components of the environment.

- The three main components of the environment are lithosphere, atmosphere and hydrosphere.

4. Name the oceans that surround the continent North America.

- Oceans that surround the continent North America are Pacific Ocean, Atlantic Ocean and Arctic Ocean.

5. Which two oceans surround South America on the east and the west?

- On the east –Atlantic Ocean and on the west – Pacific Ocean

6. Why oxygen is so important?

- Oxygen is essential for our survival because oxygen is the breath of life.

7. Write the name of Indian research stations in Antarctica.

- Maitri and Dakshin Gangotri are the Indian research stations in Antarctica.

8. State the percentage of the earth which is covered with water.

- More than 71 percent of the earth is covered with water.

9. Which is the world's longest river?
 - The world's longest river is Nile which flows through Africa.
10. Name the world's largest river.
 - Amazon is the world's largest river.
11. Which is the world's largest hot desert and where is it located?
 - The Sahara Desert, the world's largest hot desert, is located in Africa.
12. In which hemisphere does Asia lie?
 - The continent Asia lies in the Eastern Hemisphere.
13. Which two oceans surround South America on the East and the West?
 - Atlantic Oceans surrounds South America on the East and Pacific Ocean surrounds on the West.
14. Write the names of the continents that surround the Pacific Oceans.
 - Asia, Australia, North and South Americas surround it.
15. What is the composition of the Atmosphere?
 - The atmosphere is composed mainly of nitrogen and oxygen, which make up about 99 per cent of clean, dry air.
 - Nitrogen 78 per cent, oxygen 21 per cent and other gases like carbon dioxide, argon and others comprise 1 per cent by volume.
16. Explain the following terms:
 - a. Isthmus
 - A narrow strip of land joining two landmasses is called Isthmus.
 - b. Wind
 - Moving air is known as wind.
 - c. Strait
 - A strait is a narrow of water connecting two large water bodies like seas and oceans.
 - d. Biosphere
 - The biosphere is the narrow zone of contact between the land, water and air. It is the zone where life exists.
 - e. Lithosphere
 - The solid portion of the earth is called the Lithosphere.
 - f. Hydrosphere
 - Water covers a very big area of the earth's surface and this area is called the Hydrosphere.

17. Give reason why biosphere is important for living organisms?

- The biosphere is the narrow zone of contact between the land, water and air.
- It is this zone where life exists.
- There are several species of organisms that vary in size from microbes and bacteria to huge mammals.
- All the living organisms including humans are linked to each other and to the biosphere for survival.

18. Write a short note on continent Asia.

- Important fact about Asia
 - a) Asia is the largest continent.
 - b) It covers about one third of the total land area of the earth.
 - c) The continent lies in the Eastern Hemisphere.
 - d) The Tropic of Cancer passes through this continent.
 - e) Asia is separated from Europe by the Ural mountains on the west
 - f) The combined landmass of Europe and Asia is called the Eurasia (Europe + Asia).

19. Write some characteristics of the continent of Africa.

- Following are the characteristics of the continent - Africa.
 - a) Africa is the second largest continent after Asia.
 - b) The Equator runs almost through the middle of the continent. A large part of Africa lies in the Northern Hemisphere.
 - c) It is the only continent through which the Tropic of Cancer, the Equator and the Tropic of Capricorn pass.
 - d) The Sahara Desert, the world's largest hot desert, is located in Africa.
 - e) The continent is bound on all sides by oceans and seas.
 - f) The world's longest river the Nile flows through Africa.

20. List some features of the Europe continent.

- Some features of the Europe continent:
 - a) Europe is much smaller than Asia.
 - b) The continent lies to the west of Asia.
 - c) The Arctic Circle passes through it.
 - d) It is bound by water bodies on three sides.

21. Write short notes on:

Atlantic Ocean, Arctic Ocean and Indian Ocean

- Atlantic Ocean

The Atlantic Ocean is the second largest Ocean in the world. It is 'S' shaped. It is flanked by the North and South Americas on the western side, and Europe and Africa on the eastern side. The coastline of Atlantic Ocean is highly indented which provides ideal location for natural harbors and ports.

- Arctic Ocean

The Arctic Ocean is located within the Arctic Circle and surrounds the North Pole. It is connected with the Pacific Ocean by a narrow stretch of shallow water known as Bering strait. It is bound by northern coasts of North America and Eurasia.

- Indian Ocean

The Indian Ocean is the only ocean named after a country, that is, India. The shape of ocean is almost triangular. In the north, it is bound by Asia, in the west by Africa and in the east by Australia.