



LESSON- 5

FOUR REALMS OF THE EARTH

SOLUTIONS:

EXERCISES

1. Answer each question in a word or a sentence :

a) Which is the smallest continent in the world ?

Ans. Australia.

b) Why is the Indian Ocean called half an ocean ?

Ans. The Indian Ocean does not open on the north because it is bounded by the continent of Asia. Therefore, it is called half an ocean.

c) What is Atmosphere ?

Ans. The blanket of air surrounding the earth is called atmosphere.

2. Answer the following questions in about 30 words each :

a) Explain the four realms of the earth.

Ans. The realm of land i.e. the outer solid layer of the earth is called Lithosphere, the realm of water i.e. water bodies on the earth's surface like oceans, seas, rivers or lake is known as Hydrosphere, the realm of air i.e. the blanket of air surrounding the earth is called Atmosphere, the realm of the earth where life exists. i.e. the narrow zone where land , water and air meet is called Biosphere.

b) Name the continents of the world.

Ans. The continents of the world are Asia, Europe, Africa, North America, South America, Australia and Antarctica.

c) **Which are the three major landforms of the earth ?**

Ans. The three major landforms of the earth are Mountains, Plateaus and Plains.

Mountains are highlands with pointed peaks.

Plateaus are also highlands with flat summits.

Plains are lowland regions of flat surface.

d) **What are the two most dominant gases of the atmosphere ?**

Ans. The two most dominant gases of the atmosphere are Nitrogen and Oxygen. They constitute about 99 percent of the atmosphere.

3. **Choose the correct answer :**

i) **Which of the following is the largest ocean?**

A) Atlantic Ocean **B) Pacific Ocean**

C) Indian Ocean D) Arctic Ocean

Ans: B) Pacific Ocean

ii) **Which one of the following gases do the plants take in**

A) Nitrogen B) Oxygen **C) Carbon-dioxide** D) Hydrogen

Ans: C) Carbon-di-oxide

iii) **Which one is not a feature of major landforms ?**

A) Plains B) Plateaus C) Mountains **D) Hills**

Ans: D) Hills

4. **Fill in the blanks :**

a) Asia and Europe are collectively known as Eurasia.

b) Highland regions with pointed peaks are called Mountains.

c) Water bodies on the earth's surface are collectively known as Hydrosphere.

d) The deepest ocean on the earth is the Pacific Ocean.

