

Major Domains of the Earth

- Q. (a) What are the four major domains of the earth?
- Ans → The four major domains of the Earth are—
(i) Lithosphere (ii) Atmosphere (iii) Hydrosphere
(iv) Biosphere
- Q. (b) Name the major continents of the earth.
Asia, Africa, Europe, North America, South America, Antarctica and Australia.
- Q. (c) Name the two continents that lie entirely in the Southern Hemisphere.
Antarctica and Australia
- Q. (d) Name the different layers of atmosphere.
Troposphere, Stratosphere, Mesosphere, Thermosphere and Exosphere.
- Q. (e) Why is the earth called a 'blue planet'?
- Ans → The Earth is the only planet that has water. More than 71% of its surface is covered with water. This makes the Earth look blue from space. Therefore, it is called the 'blue planet'.
- Q. (f) Why is the Northern Hemisphere called the Land Hemisphere?
- Ans → The Northern Hemisphere is called the Land Hemisphere because the greater part of the Earth's land mass lies in the Northern Hemisphere.

Why is the Biosphere important for living organisms?

Biosphere is the only zone where all the living things such as humans, plants and animals can exist.

Biosphere is a narrow zone of contact between the land, water and air. It is of great significance for living organisms.

Tick the correct answers

The mountain range that separates Europe from Asia is

(ii) the Urals

The continent of North America is linked to South America by

(i) an Isthmus

The major constituent of atmosphere by percent is

(i) Nitrogen

The domain of the earth consisting of solid rocks is

(ii) the Lithosphere

Which is the largest continent?

(ii) Asia

Fill in the blanks

The deepest point on the earth is _____
in the Pacific Ocean.
the Mariana Trench

The _____ Ocean is named after a country.
Indian Ocean

The _____ is a narrow contact zone
of land, water and air that supports
life.
biosphere

The continents of Europe and Asia
together are known as _____.

Urasia

The highest mountain peak on the earth
is Mt. Everest.