

Worksheet

The Earth- Oceans and Continents

MCQs

Question 1: The earth spins towards the

- (a) North
- (b) South
- (c) West
- (d) East

Answer:

Correct Answer is Option D.

The Earth rotates from the west towards east.

Question 2: Which is the largest continent on earth?

- (a) Africa
- (b) Asia
- (c) Australia
- (d) Europe

Answer:

Correct Answer is Option B.

Asia is the largest continent and Australia is the smallest continent.

Question 3: The air that we breathe comes from

- (a) Sun
- (b) Water
- (c) Oxygen
- (d) Atmosphere

Answer:

Correct Answer is Option C.

These plants produce oxygen as a byproduct of photosynthesis.

Question 4: Which Ocean takes up about half of the earth's surface?

- (a) Atlantic
- (b) Indian
- (c) Pacific
- (d) Arctic

Answer:

Correct Answer is Option C.

Holding more than half of the Earth's open water supply, the Pacific Ocean was named by explorer Ferdinand Magellan in 1520, who called this body of water "pacific," due to the calmness of the water at the time.

Question 5: One rotation of the earth takes a period of

- (a) 12 hours
- (b) 24 hours
- (c) 6 hours
- (d) 18 hours

Answer:

Correct Answer is Option B.

The earth takes about 24 hours to complete one rotation around its axis. The period of rotation is known as the earth day.

Fill in the blanks

Question 6:

- The large bodies of land on the earth's surface are called continents.
- Earth has a protective blanket of atmosphere.
- It takes $365\frac{1}{4}$ days to complete one revolution around the sun.

Tips:

- There are two main divisions of the earth's surface. The large land masses are known as the continents and the huge water bodies are called the ocean basins.
- The Earth is wrapped in a blanket of air called the 'atmosphere', which is made up of several layers of gases. The Sun is much hotter than the Earth and it gives off rays of light energy that travel through the atmosphere and reach the Earth's surface.
- Earth's orbit is a slightly elongated circle, or ellipse. cause Earth takes about 365 1/4 days to circle the sun.

Answer the following questions

Question 7: Name three factors that have made life possible on earth.

Answer:

- Factors responsible for life on earth are:
- presence of water
- suitable atmospheric condition
- presence of oxygen
- correct amount of sunlight

Question 8: What is an orbit and what is its shape?

Answer: An orbit is a regular, repeating path that one object in space takes around another one. An object in an orbit is called a satellite. A satellite can be natural, like Earth (or) the moon (or) like some other planets also. Orbits come in different shapes. All orbits are elliptical, which means they are an ellipse, similar to an oval. For the planets, the orbits are almost circular.

Question 9: Distinguish between rotation and revolution.

Answer: "Rotation" refers to an object's spinning motion about its own axis. "Revolution" refers to the object's orbital motion around another object. For example, Earth rotates on its own axis, producing the 24-hour day. Earth revolves about the Sun, producing the 365-day year.

Question 10: Define ocean.

Answer: A very large body of water is called an ocean. The four main oceans of the world are the Pacific ocean, the Atlantic ocean, the Indian ocean and the Arctic ocean. The Pacific Ocean is the largest ocean and the Arctic Ocean is the smallest ocean.

Match the following

Question 11:

Column A	Column B
1. It covers three-fourths of the earth's surface	(a) 24 hours
2. Time taken to complete one revolution	(b) 365 1/4 days
3. Time taken to complete one rotation	(c) water
4. Path taken by the earth to go around the sun	(d) axis
5. Imaginary line passing through the centre of the earth	(e) orbit

(c) water

About three-fourth of the Earth's surface is covered with water, i.e., about 71% of the earth's surface has water in it.

(b) 365 ¼ days

Earth revolves about the Sun, producing the 365-day year.

(a) 24 hours

Earth rotates on its own axis, producing the 24-hour day.

(e) orbit

An orbit is a regular, repeating path that one object in space takes around another one.

(d) axis

An axis is an imaginary line an object turns around. This imaginary line runs directly through the object's center, from the north to the south poles. Although we can't feel the Earth spinning, it makes one complete turn, each day, around its own axis.

True & False

Question 12:

- The Pacific Ocean is the smallest ocean. **(False)**
- The earth completes one rotation in 365 1/4 days. **(False)**
- One-fourths of the earth's surface is covered by land. **(False)**

Tips:

- The Pacific Ocean is the largest ocean and the Arctic Ocean is the smallest among all the five oceans.
- Earth rotates on its own axis, producing the 24-hour day.
- About three-fourth of the Earth's surface is covered with water, i.e., about 71% of the earth's surface has water in it.