

A. Choose the correct option:

1. Which of the following is a non-renewable resource?
(a) Air (b) petrol (c) Forest (d) water
2. Which of the following is a renewable resource?
(a) Rock (b) Petroleum (c) Natural gas (d) Air
3. What is the percentage of composition of oxygen in the air?
(a) 78% (b) 21% (c) 1% (d) 8%
4. Which of the following gas do we use for breathing in?
(a) Carbon dioxide (b) Nitrogen (c) Oxygen (d) None of these.
5. An example of fossil fuel is
(a) paper (b) wood (c) plastic (d) coal

B. Fill in the blanks:

1. Windmills use the energy of winds to generate _____
2. Due to _____, the forest cover has been decreasing. Cutting of trees
3. Water covers about _____ of the Earth's surface.
4. ____ is a example of non-renewable source.
5. Resources required for survival are provided by _____.
6. Natural resources can be classified as renewable resources and _____ resources,
7. Petroleum along with natural gas and coal are commonly called _____.
8. Moving air is called _____.
9. Rain water is collected and stored in large quantities for later use is called _____.
10. World Water Day is observed on _____ every year.

C. The question below consists of an Assertion and a Reason. Use the following key to choose the appropriate answer.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true .

1. **Assertion (A):** Forests are called 'green lungs'.

Reason (R): Forests release carbon dioxide during day time which is used by animals for respiration.

2. **Assertion (A):** The Sun is the main source of energy on the Earth.

Reason (R): Directly or indirectly we all depend on the Sun for heat, light and energy .

3. **Assertion (A):** Shadow is always colourful.

Reason (R): A shadow only shows the outline of an object.

D. Answer the following questions:

- 1. List any five products we are getting from forests.
- 2. Name two commonly used fossil fuels.
- 3. What are the main components of gases present in the air?
- 4. Name two important metals extracted from minerals.

L#12 BEYOND THE EARTH

A. Choose the correct option:

- 1. The moon takes about ____ days to complete one revolution around the Earth.
(a) 21 (b) 23 (c) 27 (d)
- 2. Which planet has the largest number of satellites?
(a) Jupiter (b) Saturn (c) Mercury (d) Mars
- 3. The Earth revolves around the Sun in nearly
a) 1 year b) 3years c) 2years d) 5 years
- 4. Object that moves around planets are called
a) asteroids b) comets c) satellites d) stars
- 5. Which planet is called a blue planet?
a) Venus b) Mars c) Mercury d) Earth

B. Fill in the blanks:

1. The _____ is a star which produces heat and light.
2. Objects that move around the planets are commonly called _____.
3. Our _____ is part of the milky way galaxy.
4. The _____ is the earth's natural satellite.
5. The movement of an object around the Sun is called _____.
6. _____ is called the red planet.
7. _____ is commonly called morning star or evening star.
8. Sun is about _____ times bigger than the Earth in diameter.
9. Canis major contains a star called _____, which is brightest star in the night sky.
10. For one full rotation, Earth takes about _____ hours.

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1. Assertion (A): Mars is called the Red Planet.

Reason (R): The soil on Mars is reddish.

2. Assertion (A): The Earth is called the 'Green Planet'.

Reason (R): A large portion of the Earth's surface is covered with water.

D. Name the following:

1. What is the name of our home galaxy?
 2. Which is the brightest star in the night sky?
 3. What is the distance between the Sun and the Earth?
 4. Name the planet which is called blue planet?
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