

## CHAPTER-13 | Our Home: Earth, a Unique Life Sustaining Planet

### QUIZ PART-08

1. Life on Earth mainly depends on:

- A. Rocks only
- B. Water, air, and sunlight
- C. Volcanoes
- D. Moonlight (B)

*Explanation :* These are essential for life.

2. Plants are important because they:

- A. Reduce oxygen
- B. Produce food and oxygen
- C. Stop rainfall
- D. Remove sunlight (B)

*Explanation :* Plants are producers.

3. Which gas is necessary for respiration?

- A. Helium
- B. Hydrogen
- C. Oxygen
- D. Neon (C)

*Explanation :* Organisms require oxygen to release energy.

4. Which process helps plants prepare food?

- A. Digestion
- B. Respiration
- C. Photosynthesis
- D. Excretion (C)

*Explanation :* Plants use sunlight to prepare food.

5. Animals depend on plants for:

- A. Rocks
- B. Metals
- C. Food and oxygen
- D. Sand (C)

*Explanation :* Plants are the base of food chains.

6. The atmosphere protects life by:

- A. Removing gravity
- B. Blocking harmful radiation
- C. Causing earthquakes
- D. Stopping rainfall (B)

*Explanation :* Atmosphere and ozone layer protect Earth.

7. Earth is called a life-sustaining planet because it has:

- A. Rings around it
- B. Suitable conditions for life
- C. No atmosphere
- D. Two moons (B)

*Explanation :* Earth has water, air, and moderate temperature.

8. Which natural resource is essential for all organisms?

- A. Gold
- B. Coal
- C. Water
- D. Silver (C)

*Explanation :* Water is necessary for life processes.

9. Which layer of Earth supports life?

- A. Core
- B. Mantle
- C. Crust
- D. Inner core (C)

*Explanation :* Life exists on Earth's crust.

10. Why is Earth unique among known planets?

- A. It has no gravity
- B. It supports life
- C. It is the hottest planet
- D. It has no atmosphere (B)

*Explanation :* Earth has all conditions necessary for life.