

CHAPTER-1 | Exploring the Investigative World of Science

QUIZ
PART-04

1. Moon phases are caused by:

- A. Clouds
- B. Shape change
- C. Relative positions of Earth, Moon & Sun
- D. Rotation only (C)

Explanation: Positions affect visible portion.

2. Early calendars were based on:

- A. Cars
- B. Moon phases
- C. Electricity
- D. Wind (B)

Explanation: People observed Moon cycles.

3. Ecosystem is formed by interaction of:

- A. Machines
- B. Living and non-living things
- C. Only humans
- D. Only plants (B)

Explanation: Ecosystems connect all organisms.

4. Earth is suitable because it:

- A. Is too hot
- B. Has no air
- C. Has perfect distance from Sun
- D. Is near Moon (C)

Explanation: Distance allows liquid water.

5. Atmosphere provides:

- A. Dust
- B. Oxygen
- C. Smoke
- D. Fire (B)

Explanation: Oxygen supports life.

6. Atmosphere protects from:

- A. Rain
- B. UV rays
- C. Wind
- D. Heat only (B)

Explanation: It blocks harmful rays.

7. Human activities can cause:

- A. No change
- B. Temperature changes
- C. Moon change
- D. Sun change (B)

Explanation: Pollution affects climate.

8. Climate change affects:

- A. Plants
- B. Animals
- C. Humans
- D. All (D)

Explanation: It impacts all life forms.

9. Sunrises helped people:

- A. Sleep
- B. Develop calendars
- C. Stop rain
- D. Change seasons (B)

Explanation: Natural patterns guided calendars.

10. Phases of Moon occur every:

- A. Day
- B. Week
- C. Month
- D. Year (C)

Explanation: Lunar cycle is monthly.