

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

### QUIZ PART-01

1. Which layer of Earth supports life?

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

**Explanation :** Life exists on the thin outer layer of Earth called the crust.

2. Earth's crust is compared to:

- A. Coconut shell
- B. Apple skin
- C. Banana peel
- D. Egg yolk (B)

**Explanation :** The crust is very thin compared to Earth, like apple skin.

3. How many planets revolve around the Sun?

- A. 7
- B. 8
- C. 9
- D. 10 (B)

**Explanation :** There are eight planets in our solar system.

4. Which planet comes immediately after Earth from the Sun?

- A. Venus
- B. Jupiter
- C. Saturn
- D. Mars (D)

**Explanation :** The order is Mercury, Venus, Earth, Mars.

5. Which of the following is a rocky planet?

- A. Jupiter
- B. Neptune
- C. Venus
- D. Saturn (C)

**Explanation :** Mercury, Venus, Earth, and Mars are rocky planets.

6. Which group contains only gaseous planets?

- A. Mercury, Venus, Earth
- B. Mars, Jupiter, Venus
- C. Jupiter, Saturn, Uranus, Neptune
- D. Earth, Mars, Jupiter (C)

**Explanation :** These four planets are large gaseous planets.

7. The deepest ocean trench and tallest mountain are part of:

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

**Explanation :** Both are features of Earth's crust.

8. Which planet is closest to the Sun?

- A. Venus
- B. Mercury
- C. Earth
- D. Mars (B)

**Explanation :** Mercury is the nearest planet to the Sun.

9. Which planet is known as a gaseous planet?

- A. Earth
- B. Mars
- C. Mercury
- D. Jupiter (D)

**Explanation :** Jupiter is a large gaseous planet.

10. Life on Earth exists mainly on:

- A. The inner core
- B. The mantle
- C. A thin surface layer
- D. Underground only (C)

**Explanation :** Living organisms exist on Earth's thin outer surface layer.