

## CHAPTER-12 | Beyond Earth

### QUIZ PART-03

1. The Universe includes:

- A. Only planets
- B. Only stars
- C. All galaxies, stars, planets and space
- D. Only the Solar System (C)

**Explanation :** The Universe means everything that exists in space.

2. There are billions of:

- A. Suns near Earth
- B. Galaxies in the Universe
- C. Moons around Earth
- D. Rings around planets (B)

**Explanation :** The Universe is extremely vast and contains billions of galaxies.

3. Scientists search for life on:

- A. Meteors
- B. Exoplanets
- C. Constellations
- D. Comets only (B)

**Explanation :** Exoplanets are planets outside our Solar System where life may exist.

4. At present, life outside Earth has:

- A. Been confirmed everywhere
- B. No confirmed evidence
- C. Been found on all planets
- D. Been found on the Moon (B)

**Explanation :** Scientists are searching, but no confirmed life outside Earth is known yet.

5. Our home galaxy is called:

- A. Andromeda
- B. Orion Galaxy
- C. Milky Way Galaxy
- D. Solar Galaxy (C)

**Explanation :** Earth and the Solar System are inside the Milky Way.

6. The Milky Way appears in a dark sky as a:

- A. Bright circle
- B. Faint band of light
- C. Red line
- D. White dot (B)

**Explanation :** It looks like a dim strip of light across the sky.

7. Our Solar System is part of the:

- A. Orion constellation
- B. Milky Way Galaxy
- C. Pole Star
- D. Earth's atmosphere (B)

**Explanation :** The Solar System lies inside our home galaxy, the Milky Way.

8. Movement of planets around the Sun is called:

- A. Rotation
- B. Revolution
- C. Reflection
- D. Radiation (B)

**Explanation :** Revolution means moving around another body in space.

9. Earth takes about how long to complete one revolution?

- A. 1 day
- B. 1 month
- C. 1 year
- D. 1 hour (C)

**Explanation :** One complete trip of Earth around the Sun makes one year.

10. Why are other stars not seen in daytime?

- A. They disappear
- B. The Moon hides them
- C. The Sun's brightness hides them
- D. They stop shining (C)

**Explanation :** Sunlight makes the sky bright, so faint stars cannot be seen.