

## CHAPTER-11 | Keeping Time with the Skies

QUIZ  
PART-03

1. Moon has:

- A. Its own light
- B. Reflected sunlight
- C. Fire
- D. Heat (B)

*Explanation:* Moon reflects sunlight.

2. Moon revolves around:

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

*Explanation:* Moon orbits Earth.

3. Only one side of Moon faces:

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

*Explanation:* Same side always faces Earth.

4. Phases occur due to:

- A. Earth's shadow
- B. Revolution of Moon
- C. Clouds
- D. Wind (B)

*Explanation:* Revolution changes visible portion.

5. New Moon occurs when:

- A. Whole illuminated side faces Earth
- B. Illuminated side not visible
- C. Half visible
- D. Gibbous (B)

*Explanation:* Sunlit side faces away.

6. Gibbous phase means:

- A. Less than half
- B. More than half
- C. None visible
- D. Half only (B)

*Explanation:* More than half illuminated.

7. Crescent phase means:

- A. More than half
- B. Exactly half
- C. Less than half
- D. Full (C)

*Explanation:* Small bright portion visible.

8. Moon takes about:

- A. 1 day
- B. 7 days
- C. 1 month
- D. 1 year (C)

*Explanation:* Revolution  $\approx$  1 month.

9. Earth rotates in:

- A. 12 hours
- B. 24 hours
- C. 30 days
- D. 365 days (B)

*Explanation:* One rotation = 24 hours.

10. Moon appears shifted daily because:

- A. Earth rotation
- B. Moon revolution
- C. Both
- D. None (C)

*Explanation:* Both motions affect position.