

CHAPTER-11 | Keeping Time with the Skies

QUIZ
PART-05

1. Gregorian calendar is:

- A. Lunar
- B. Solar
- C. Sidereal
- D. Lunar-solar (B)

Explanation: Based on Earth's revolution.

2. Solar year is:

- A. 354 days
- B. 365 days
- C. 360 days
- D. 400 days (B)

Explanation: Solar year \approx 365 days.

3. Leap year occurs every:

- A. 2 years
- B. 3 years
- C. 4 years
- D. 5 years (C)

Explanation: Extra day added every 4 years.

4. Leap day added in:

- A. January
- B. March
- C. February
- D. April (C)

Explanation: February has 29 days.

5. Century year leap if divisible by:

- A. 4
- B. 100
- C. 400
- D. 200 (C)

Explanation: 400 rule for century years.

6. Tropical year measures:

- A. Star cycle
- B. Seasons
- C. Eclipse
- D. Moon (B)

Explanation: Based on equinox cycle.

7. Sidereal year relates to:

- A. Seasons
- B. Stars
- C. Moon
- D. Day (B)

Explanation: Based on star positions.

8. Solstice occurs on:

- A. Equinox
- B. June 21 & Dec 21
- C. January 1
- D. August 15 (B)

Explanation: Solstices mark extremes.

9. Uttarayan means:

- A. Southward
- B. Northward
- C. Eclipse
- D. Rotation (B)

Explanation: Sun's northward movement.

10. Dakshinayan means:

- A. Northward
- B. Southward
- C. Rising
- D. Setting (B)

Explanation: Sun's southward movement.