

Chronological Science Facts

Astronomy And Time · Practice Test · 15 Questions

1. How long does it take for the Earth to complete one full rotation on its axis?

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

2. Which unit of time is based on the Earth's orbit around the Sun?

- A) A second
- B) A minute
- C) A year
- D) A week

3. How many days are in a common calendar year that is not a leap year?

- A) 360 days
- B) 364 days
- C) 365 days
- D) 366 days

4. Approximately how long does it take for the Moon to complete one cycle of its phases (a lunar month)?

- A) 7 days
- B) 14 days
- C) 29.5 days
- D) 60 days

5. Which month is the only one that can have 28 or 29 days?

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

6. How often does a leap year occur in the Gregorian calendar?

- A) Every year
- B) Every 2 years
- C) Every 4 years
- D) Every 10 years

7. Which planet's day is significantly longer than an Earth day, taking about 243 Earth days to rotate once?

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

8. What is the primary reason we have seasons on Earth?

- A) The Earth's tilt
- B) The speed of the Moon
- C) The distance from the stars
- D) The rotation of the galaxy

9. How many months are in one full Earth orbit around the Sun?

- A) 6
- B) 10
- C) 12
- D) 24

10. The term 'month' was originally derived from the cycles of which celestial body?

- A) The Sun
- B) The Moon
- C) Mars
- D) Venus

11. Which of these is the shortest unit of time commonly used in a calendar?

- A) A day
- B) A week
- C) A month
- D) A year

12. How many days are in the month of August?

- A) 28
- B) 30
- C) 31
- D) 32

13. What defines the start of a new day in standard timekeeping?

- A) Sunrise
- B) Sunset
- C) Midnight
- D) Noon

14. In the Northern Hemisphere, which month typically marks the start of the astronomical summer?

- A) March
- B) June
- C) September
- D) December

15. Which planet takes approximately 12 Earth years to complete one orbit around the Sun?

- A) Mercury
- B) Jupiter
- C) Neptune
- D) Saturn