

Chronometry and Calendar Systems

History And Science · Answer Key · 10 Questions

1. In the Gregorian calendar, what is the specific mathematical rule used to determine if a centurial year is a leap year?

- A) It must be divisible by 4
- B) It must be divisible by 100
- C) It must be divisible by 400**
- D) It must be divisible by 1000

2. During the French Republican Calendar, how many days were contained within each 'décade' (decade)?

- A) 7
- B) 8
- C) 9
- D) 10**

3. The 'Julian Period,' a chronological tool used by astronomers to count days without the complexities of calendars, begins on which historical date?

- A) January 1, 4713 BCE**
- B) January 1, 1 BCE
- C) January 1, 45 BCE
- D) January 1, 325 CE

4. Which month was originally known as 'Quintilis' before being renamed to honour a Roman statesman?

- A) August
- B) July**
- C) June
- D) September

5. In the context of the ISO 8601 standard for date representation, what defines the first week of a calendar year?

- A) The week containing January 1st
- B) The week containing the first Thursday of the year**
- C) The first full week of seven days
- D) The week containing the first Monday after January 1st

6. The 'mean tropical year,' which governs the timing of the seasons, is approximately how many days long?

A) 365.2422 days

B) 365.2500 days

C) 365.2564 days

D) 365.2600 days

7. Under the current Gregorian calendar system, what is the maximum number of consecutive days that can occur without a full moon?

A) 27 days

B) 28 days

C) 29 days

D) 30 days

8. Which ancient civilization utilized a calendar system based on the 'Sothic cycle,' anchored to the heliacal rising of Sirius?

A) Babylonian

B) Mayan

C) Ancient Egyptian

D) Sumerian

9. What is the primary reason the 'Hijri' (Islamic) calendar differs from the Gregorian calendar in its annual progression?

A) It is purely lunar

B) It is purely solar

C) It is lunisolar with leap months

D) It ignores solar equinoxes

10. What is the historical term for the 'lost' days in 1752 when Great Britain and its colonies transitioned from the Julian to the Gregorian calendar?

A) September 3-13

B) September 2-14

C) October 5-15

D) September 1-11