

Chronometry and Calendar Systems

History And Science · Practice Test · 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