

Scientific Grammar Mastery

English Grammar · Practice Test · 20 Questions

1. The process by which green plants use sunlight to synthesize nutrients from carbon dioxide and water is called photosynthesis; which verb tense describes this ongoing natural fact?

- A) Present perfect
- B) Simple present
- C) Past continuous
- D) Future perfect

2. When describing the fact that water boils at 100 degrees Celsius at sea level, which grammatical mood is used to express the scientific truth?

- A) Subjunctive
- B) Imperative
- C) Indicative
- D) Conditional

3. In the sentence 'The mitochondria are the powerhouse of the cell', which word functions as the plural subject?

- A) The
- B) mitochondria
- C) are
- D) powerhouse

4. Which article is correctly used before the scientific term 'ultraviolet radiation'?

- A) A
- B) An
- C) The
- D) Zero article

5. Identify the correct passive voice construction for the following statement: 'Gravity pulls objects toward the Earth's center.'

- A) Objects are being pulled by gravity.
- B) Objects were pulled by gravity.
- C) Objects are pulled by gravity.
- D) Objects have been pulled by gravity.

6. Choose the correct preposition to complete the sentence: 'The velocity of an object is defined ____ its rate of change of position.'

- A) in
- B) as
- C) by
- D) with

7. Which sentence correctly uses a semicolon to connect two related scientific independent clauses?

- A) Oxygen is essential for respiration; nitrogen is the most abundant gas.
- B) Oxygen is essential for respiration, nitrogen is the most abundant gas.
- C) Oxygen is essential for respiration: nitrogen is the most abundant gas.
- D) Oxygen is essential for respiration; and nitrogen is abundant.

8. In the phrase 'an ecosystem's equilibrium,' what grammatical function does the apostrophe-s serve?

- A) Pluralization
- B) Contraction
- C) Possession
- D) Adverbial modifier

9. Select the grammatically correct comparative form for the scientific adjective 'volatile' when comparing two chemical compounds.

- A) more volatile
- B) volatiler
- C) most volatile
- D) volatile-er

10. Which conjunction correctly completes the sentence: 'The experiment was successful, ____ the results were unexpected.'

- A) so
- B) because
- C) yet
- D) for

11. In the sentence 'Bacteria thrive in warm environments,' what part of speech is the word 'thrive'?

- A) Noun
- B) Adjective
- C) Verb
- D) Preposition

12. Which sentence uses the correct plural form of the scientific term 'nucleus'?

- A) The nucleuses of the atoms were stable.
- B) The nuclei of the atoms were stable.
- C) The nucleii of the atoms were stable.
- D) The nuclea of the atoms were stable.

13. Identify the correctly punctuated sentence regarding the scientific classification of a mammal.

- A) A whale, which is a mammal, lives in the ocean.
- B) A whale which is a mammal lives in the ocean.
- C) A whale which is a mammal, lives in the ocean.
- D) A whale that is a mammal lives, in the ocean.

14. Which word is the superlative form used when describing the largest planet in our solar system?

- A) Bigger
- B) Most big
- C) Biggest
- D) More big

15. The term 'data' is the plural of which singular noun?

- A) Datum
- B) Datus
- C) Date
- D) Dating

16. Which pronoun correctly replaces 'the hypothesis' in the sentence: 'The hypothesis was tested, and ____ proved to be accurate.'

- A) they
- B) it
- C) them
- D) which

17. Complete the sentence: 'The geological study ____ completed before the earthquake occurred.'

- A) was
- B) were
- C) be
- D) being

18. Which adverb correctly describes how a catalyst affects the rate of a chemical reaction?

- A) Fast
- B) Quick
- C) Rapidly
- D) Speedy

19. In the sentence 'Genetics is the study of heredity,' why is 'is' used instead of 'are'?

- A) Genetics is a plural noun.
- B) Genetics is treated as a singular field of study.
- C) Genetics is an adjective.
- D) The sentence is in the past tense.

20. Identify the correctly placed modifier in this scientific observation: 'Looking through the microscope, the cells appeared elongated.'

- A) The cells, looking through the microscope, appeared elongated.
- B) The cells appeared, looking through the microscope, elongated.
- C) Looking through the microscope, the cells appeared elongated.
- D) Elongated, the cells looked through the microscope.