

MCQ 1

Question: What is the most widely accepted theory for planet formation?

- A) Planetary Collision Theory
- B) Nebular Hypothesis
- C) Stellar Evolution Theory
- D) Accretion Disk Model

Correct Answer: B

MCQ 2

Question: What characteristic differentiates a planet from a star or brown dwarf?

- A) Size
- B) Composition
- C) Orbit
- D) Temperature

Correct Answer: C

MCQ 3

Question: Which of the following is NOT a characteristic of a planet?

- A) Rounded shape
- B) Orbits a star, stellar remnant, or brown dwarf
- C) Emits its own light
- D) Formed through accretion

Correct Answer: C

MCQ 4

Question: Which of the following is a terrestrial planet in our solar system?

- A) Jupiter

B) Saturn

C) Uranus

D) Mars

Correct Answer: D

MCQ 5

Question: What is the process called by which planets grow within a protoplanetary disk?

A) Sublimation

B) Condensation

C) Accretion

D) Fission

Correct Answer: C