

## MCQ 1

[Easy] Question: The word "planet" originates from which language?

- A) Latin
- B) Greek
- C) Roman
- D) Egyptian

Correct Answer: B

## MCQ 2

[Easy] Question: In antiquity, how many "planets" were recognized besides the Sun and Moon?

- A) Three
- B) Four
- C) Five
- D) Seven

Correct Answer: C

## MCQ 3

[Easy] Question: Earth's recognition as a planet coincided with the rise of which astronomical model?

- A) Geocentrism
- B) Heliocentrism
- C) Orbital Mechanics
- D) Astrobiology

Correct Answer: B

## MCQ 4

[Medium] Question: What technological advancement broadened the definition of "planet"?

- A) The astrolabe
- B) The telescope
- C) The sextant
- D) Space travel

Correct Answer: B

#### ## MCQ 5

[Medium] Question: Ceres is considered part of which group of celestial bodies?

- A) Kuiper Belt
- B) Oort Cloud
- C) Asteroid Belt
- D) Trojan Asteroids

Correct Answer: C

#### ## MCQ 6

[Medium] Question: Pluto is classified as what type of celestial body?

- A) Planet
- B) Asteroid
- C) Comet
- D) Dwarf Planet

Correct Answer: D

#### ## MCQ 7

[Hard] Question: The discovery of Eris primarily contributed to debate about what aspect of planets?

- A) Their composition
- B) Their orbits
- C) Their definition

D) Their formation

Correct Answer: C

## ## MCQ 8

[Easy] Question: Which organization officially defines planets in our solar system?

A) NASA

B) ESA

C) IAU

D) Royal Astronomical Society

Correct Answer: C

## ## MCQ 9

[Medium] Question: How many giant planets are officially recognized in our solar system?

A) Two

B) Four

C) Six

D) Eight

Correct Answer: B

## ## MCQ 10

[Hard] Question: Some planetary scientists continue to use a broader definition of "planet" that includes:

A) Only large asteroids

B) Dwarf planets and rounded satellites

C) All Kuiper Belt objects

D) Only exoplanets

Correct Answer: B

## MCQ 11

[Easy] Question: The term "exoplanet" refers to planets located where?

- A) In our solar system
- B) Outside our solar system
- C) In the asteroid belt
- D) In the Kuiper belt

Correct Answer: B

## MCQ 12

[Medium] Question: "Hot Jupiters" are characterized by what feature?

- A) Extremely cold temperatures
- B) Orbiting close to their stars
- C) Having rings
- D) Being composed mostly of ice

Correct Answer: B

## MCQ 13

[Medium] Question: What is the name of an exoplanet mentioned in the text with a highly eccentric orbit?

- A) 51 Pegasi b
- B) HD 20782 b
- C) Eris
- D) Ceres

Correct Answer: B

## MCQ 14

[Hard] Question: The discovery of brown dwarfs and large planets has fueled debate regarding the distinction between planets and what other celestial body?

- A) Asteroids
- B) Stars
- C) Moons
- D) Comets

Correct Answer: B

#### ## MCQ 15

[Easy] Question: What is the "habitable zone" of a star?

- A) The region where life is guaranteed to exist
- B) The region where liquid water could potentially exist
- C) The region closest to the star
- D) The region furthest from the star

Correct Answer: B

#### ## MCQ 16

[Easy] Question: Which planet is currently the only one known to support life?

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

Correct Answer: B

#### ## MCQ 17

[Medium] Question: The five visible planets known in antiquity were identifiable due to their:

- A) Brightness compared to stars
- B) Movement against the background stars
- C) Consistent position in the sky
- D) Larger apparent size

Correct Answer: B

#### ## MCQ 18

[Hard] Question: The passage suggests that historical naming conventions for celestial bodies often stem from:

- A) Scientific discoveries
- B) Mathematical calculations
- C) Religious associations
- D) Random assignments

Correct Answer: C

#### ## MCQ 19

[Easy] Question: Uranus and Neptune are categorized as:

- A) Terrestrial planets
- B) Gas giants
- C) Ice giants
- D) Dwarf planets

Correct Answer: C

#### ## MCQ 20

[Medium] Question: 51 Pegasi b is an example of a:

- A) Brown dwarf

- B) Hot Jupiter
- C) Super-Earth
- D) Red giant

Correct Answer: B

#### ## MCQ 21

[Hard] Question: What characteristic of exoplanets is mentioned as being "unusual" compared to those in our solar system?

- A) Presence of moons
- B) Spherical shape
- C) Orbits close to their stars and highly eccentric orbits
- D) Rocky composition

Correct Answer: C

#### ## MCQ 22

[Easy] Question: According to the IAU, how many terrestrial planets are there in our solar system?

- A) Two
- B) Four
- C) Six
- D) Eight

Correct Answer: B

#### ## MCQ 23

[Medium] Question: The Kuiper belt is primarily composed of:

- A) Rocky asteroids

- B) Icy bodies
- C) Gas clouds
- D) Dust particles

Correct Answer: B

#### ## MCQ 24

[Hard] Question: The text suggests that the debate surrounding the definition of "planet" is:

- A) Fully resolved
- B) Ongoing
- C) Unimportant
- D) Primarily historical

Correct Answer: B

#### ## MCQ 25

[Easy] Question: Which of these was NOT considered a "planet" in antiquity?

- A) The Sun
- B) The Moon
- C) Earth
- D) Jupiter

Correct Answer: C