

Space Quiz (Space Related MCQs)

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(1) Who was the first person to travel into space?

- A. Neil Armstrong
- B. Yuri Gagarin
- C. George Jetson
- D. None of the above

Answer (b) Yuri Gagarin

Description- The Soviet pilot and cosmonaut orbited the Earth on the Vostok spacecraft in 1961. Gagarin later became deputy training director of the Cosmonaut Training Centre outside Moscow, which was later named after him.

(2) On which planet are days longer than years?

- A. Venus
- B. Mars
- C. Saturn
- D. Uranus

Answer (a) Venus

Description- Venus orbits the Sun in 225 Earth days, making a Venusian year slightly shorter than a day on Venus. A Venusian day is longer than a year on Venus, creating a unique time perspective compared to Earth. Unlike Earth, where the sun rises and sets daily, on Venus, the sun rises approximately every 117 Earth days.

(3) What does the word 'nebula' mean in Latin?

- A. Star
- B. Cloud
- C. Vague
- D. Northern Lights

Answer (b) Cloud

(4) Which of these is the same size as the Hubble Space Telescope??

- A. 757 airplane
- B. Golf cart
- C. School bus
- D. None of the above

Answer (c) School bus

Description- Since 1990, a bus-sized satellite has traveled at 5 miles per second, providing images of Earth and exploring the universe. Its successor, the James Webb Space Telescope, launched in 2021, continues its mission.

(5) How long do footprints last on the Moon?

- A. A few seconds
- B. Six months

- C. A Year
- D. Millions of years

Answer (d) Millions of years

Description- 12 astronauts who stepped on the Moon during the last Apollo mission in 1972 are still there

(6) What is the Great Red Spot on Jupiter?

- A. A lake
- B. A storm
- C. A volcano
- D. A mountain

Answer (b) A storm

Description- Jupiter's Great Red Spot is the solar system's largest storm. It is about 1.3 times wider than Earth.

(7) Who sang 'Space Oddity'?

- A. The Rolling Stones
- B. David Bowie
- C. Bob Dylan
- D. None of the above

Answer (b) David Bowie

(8) Which of these things did the Apollo 11 crew not have, prior to their mission to the Moon?

- A. Food
- B. Medical exams
- C. Life insurance
- D. None of the above

Answer (c) Life insurance

(9) Where is the tallest peak in the solar system located?

- A. Mars
- B. Uranus
- C. Earth
- D. Jupiter

Answer (a) Mars

Description- Olympus Mons, a shield volcano, stands 22km high, located on Mars. It is approximately two-and-a-half times taller than Mount Everest above sea level.

(10) Which planet is not named after a Greek or Roman deity?

- A. Mercury
- B. Pluto
- C. Venus
- D. Earth

Answer (d) Earth

Description- The name 'Earth' originates from English and German languages. It translates to 'the ground' in English and German.

(11) What is the name of the galaxy that contains our solar system?

- A. Triangulum
- B. Orion
- C. Andromeda
- D. Milky Way

Answer (d) Milky Way

(12) Which of the planet is known as the “Red Planet”?

- A. Saturn
- B. Jupiter
- C. Mars
- D. Venus

Answer (c) Mars

(13) The speed of light in a vacuum is approximately?

- A. 186,282 miles per second
- B. 299,792,458 meters per second
- C. 300,000 kilometers per second
- D. 1,080,000,000 kilometers per hour

Answer (c) 300,000 kilometers per second

(14) Who formulated the theory of general relativity?

- A. Isaac Newton
- B. Stephen Hawking
- C. Galileo Galilei
- D. Albert Einstein

Answer (d) Albert Einstein

(15) Which is the largest moon of planet Jupiter?

- A. Io
- B. Ganymede
- C. Callisto
- D. Europa

Answer (b) Ganymede

(16) Planets orbit around the Sun because of the?

- A. Frictional force
- B. Nuclear force
- C. Electromagnetic force
- D. Gravitational force

Answer (d) Gravitational force

(17) The age of the universe is approximately?

- A. 1 trillion years
- B. 10 million years
- C. 13.8 billion years
- D. 4.5 billion years

Answer (c) 13.8 billion years

(18) What phenomenon occurs when a massive star collapses under gravity, resulting in an incredibly dense object?

- A. Neutron star
- B. Black hole
- C. White dwarf
- D. Supernova

Answer (b) Black hole

(19) Who discovered (scientist) the laws of planetary motion?

- A. Galileo Galilei
- B. Nicolaus Copernicus
- C. Johannes Kepler
- D. Tycho Brahe

Answer (c) Johannes Kepler



(20) What is the concept of time dilation in the theory of relativity?

- A. Time slows down as you approach the speed of light.
- B. Time remains constant regardless of speed.
- C. Time speeds up as you approach the speed of light.
- D. Time only exists in the human mind.

Answer (a) Time slows down as you approach the speed of light.

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