

Social Psychology and the Cosmos

Social Psychology · Answer Key · 24 Questions

1. Which celestial body, often a subject of human fascination and artistic expression, is Earth's only natural satellite?

- A) Mars
- B) The Moon**
- C) Jupiter
- D) Venus

2. The largest planet in our solar system, known for its Great Red Spot, is called:

- A) Saturn
- B) Uranus
- C) Jupiter**
- D) Neptune

3. Our Sun is classified as what type of star?

- A) Red Giant
- B) White Dwarf
- C) Neutron Star
- D) Yellow Dwarf**

4. Which planet is famous for its prominent rings, made of ice particles and rocky debris?

- A) Mars
- B) Jupiter
- C) Saturn**
- D) Mercury

5. The phenomenon of stars appearing to twinkle is caused by:

- A) Their rotation
- B) Atmospheric distortion**
- C) Their internal temperature fluctuations
- D) The observer's eye

6. What is the name of the galaxy that contains our solar system?

- A) Andromeda Galaxy
- B) Triangulum Galaxy
- C) Milky Way Galaxy**
- D) Whirlpool Galaxy

7. Which planet is often called the 'Red Planet' due to its iron oxide surface?

- A) Venus
- B) Mars**
- C) Mercury
- D) Earth

8. The force that keeps planets in orbit around the Sun is known as:

- A) Electromagnetism
- B) Nuclear fusion
- C) Gravity**
- D) Inertia

9. What is the closest planet to the Sun?

- A) Venus
- B) Earth
- C) Mars
- D) Mercury**

10. The boundary around a black hole beyond which nothing, not even light, can escape is called the:

- A) Singularity
- B) Accretion disk
- C) Event horizon**
- D) Photon sphere

11. What is the primary gas that makes up the Sun?

- A) Oxygen
- B) Carbon Dioxide
- C) Nitrogen
- D) Hydrogen**

12. Which planet is known for its extreme temperatures and is often called Earth's 'twin' in size?

- A) Mars
- B) Mercury
- C) Venus**
- D) Uranus

13. The process by which stars produce energy is called:

- A) Fission
- B) Fusion**
- C) Combustion
- D) Evaporation

14. What is the name of the dwarf planet that was formerly classified as the ninth planet?

- A) Ceres
- B) Eris
- C) Makemake
- D) Pluto**

15. A massive explosion of a star, often resulting in a black hole or neutron star, is called a:

- A) Nebula
- B) Supernova**
- C) Quasar
- D) Pulsar

16. Which planet in our solar system has the most moons?

- A) Jupiter
- B) Saturn**
- C) Uranus
- D) Neptune

17. The study of the origin, evolution, and eventual fate of the universe is called:

- A) Astrophysics
- B) Cosmology**
- C) Geology
- D) Meteorology

18. Which planet spins on its side, with its axis tilted at about 98 degrees?

- A) Saturn
- B) Neptune
- C) Uranus**
- D) Jupiter

19. The 'rocky' inner planets of our solar system are:

- A) Jupiter, Saturn, Uranus, Neptune
- B) Mercury, Venus, Earth, Mars**
- C) Mars, Jupiter, Venus, Saturn
- D) Earth, Saturn, Mars, Uranus

20. What is the name of the natural phenomenon responsible for the Northern and Southern Lights?

- A) Solar flares
- B) Aurora borealis and aurora australis**
- C) Meteor showers
- D) Comet tails

21. Which gas giant is known for its distinct blue color, caused by methane in its atmosphere?

- A) Saturn
- B) Jupiter
- C) Uranus
- D) Neptune**

22. The distance light travels in one year is called a:

- A) Astronomical Unit
- B) Parsec
- C) Light-year**
- D) Kilometer

23. What is the region of space beyond Neptune that contains many icy bodies, including Pluto?

- A) Asteroid Belt
- B) Oort Cloud
- C) Kuiper Belt**
- D) Galactic Core

24. Which planet has the highest surface temperature in our solar system?

- A) Mercury
- B) Venus**
- C) Mars
- D) Earth