

Astrosociology Fundamentals

Sociology · Answer Key · 15 Questions

1. Which field of study examines the social and cultural aspects of human activity in space?

- A) Astrosociology**
- B) Exobiology
- C) Astrobiology
- D) Cosmology

2. The 'Overview Effect' describes a cognitive shift reported by astronauts when viewing which object from space?

- A) The Moon
- B) The Sun
- C) Earth**
- D) Mars

3. Which international treaty, signed in 1967, forms the basis of international space law and governs state activities in outer space?

- A) The Mars Accord
- B) The Outer Space Treaty**
- C) The Moon Convention
- D) The Galaxy Protocol

4. What is the term for the hypothetical sociological study of potential contact and interaction with extraterrestrial civilizations?

- A) Exosociology
- B) Xenology**
- C) Astro-anthropology
- D) Space-Sociology

5. Which space station represents a major example of long-term international cooperation and social structure in low Earth orbit?

- A) Tiangong
- B) Mir
- C) International Space Station**
- D) Skylab

6. The 'Kessler Syndrome' is a theory regarding the social and physical consequences of what in Earth's orbit?

- A) Space debris**
- B) Solar flares
- C) Satellite radio interference
- D) Alien radio signals

7. Sociologically, the 'planetary protection' policy is primarily designed to prevent what?

- A) Nuclear war in space
- B) Interplanetary contamination**
- C) Commercial monopolization of the Moon
- D) Unregulated space tourism

8. Which sociological concept is applied to the study of how astronauts develop unique subcultures during long-duration missions?

- A) Group dynamics**
- B) Social stratification
- C) Urbanization
- D) Globalization

9. What is the primary objective of the 'Artemis Accords' regarding human presence on the Moon?

- A) Establishing a singular global government
- B) Creating non-binding principles for space exploration cooperation**
- C) Outlawing private mining
- D) Colonizing Mars exclusively

10. The 'Quiet Zone' (National Radio Quiet Zone) in West Virginia is a sociological and scientific interest area designed to minimize what?

- A) Light pollution
- B) Radio frequency interference**
- C) Satellite collisions
- D) Space junk accumulation

11. Which organization, established in 1958, is the primary civilian space agency of the United States?

- A) ESA
- B) NASA**
- C) JAXA
- D) Roscosmos

12. The concept of 'space colonization' creates sociological debates regarding the governance and ownership of what?

A) Extraterrestrial resources

B) The speed of light

C) Dark matter

D) Black holes

13. Which planet in our solar system has been the subject of intensive international sociological interest regarding potential future human settlement?

A) Venus

B) Jupiter

C) Mars

D) Saturn

14. What type of social organization is required to sustain a permanent research base on another planet, according to current mission planning?

A) Anarchist collective

B) Highly structured hierarchy

C) Nomadic tribe

D) Market-only economy

15. The 'Fermi Paradox' creates a sociological tension between the high probability of extraterrestrial life and what?

A) The lack of evidence for it

B) The cost of rocket fuel

C) The distance to the Sun

D) The laws of gravity