

Astro-Biology and Space Exploration Animals

Space Biology · Practice Test · 12 Questions

1. Which animal became the first living creature to orbit the Earth in 1957?

- A) Laika the dog
- B) Ham the chimpanzee
- C) Able the rhesus monkey
- D) Baker the squirrel monkey

2. What was the primary purpose of sending fruit flies (*Drosophila melanogaster*) into space in 1947?

- A) To test gravity effects
- B) To study radiation exposure
- C) To observe flight patterns
- D) To monitor food digestion

3. Which primate was the first to survive a suborbital flight and return safely to Earth?

- A) Enos
- B) Ham
- C) Gordo
- D) Albert II

4. In 1973, which species was the first to successfully complete a reproductive cycle in the microgravity of the Skylab space station?

- A) Common Spiders
- B) House Mice
- C) Fruit Flies
- D) Japanese Quail

5. What specific behavior did the spider named 'Anita' exhibit when observed on the Skylab mission?

- A) Spinning a web
- B) Hunting insects
- C) Sleeping in a ball
- D) Molting its skin

6. Which type of animal was sent into space on the Bion-M1 mission in 2013 to study the effects of microgravity on long-term biology?

- A) Gerbils
- B) Hamsters
- C) Guinea pigs
- D) Rabbits

7. What unique biological ability allows the Tardigrade, often studied in space missions, to survive the vacuum of space?

- A) Photosynthesis
- B) Cryptobiosis
- C) Echolocation
- D) Bioluminescence

8. The Russian space program sent two dogs, Belka and Strelka, into orbit in 1960. What happened to them?

- A) They stayed in orbit
- B) They returned to Earth safely
- C) They landed on the Moon
- D) They were lost in transit

9. In 1961, the primate Enos became the first chimpanzee to do what?

- A) Walk on the moon
- B) Orbit the Earth
- C) Eat a space meal
- D) Navigate a maze

10. Which aquatic creature was sent to space in 1994 to study the effects of gravity on inner ear development and orientation?

- A) Goldfish
- B) Axolotl
- C) Medaka fish
- D) Sea urchins

11. Why were nematodes (roundworms) sent to the International Space Station for extensive study?

- A) To test their muscular atrophy
- B) To see if they could glow
- C) To study their memory
- D) To test their vocalization

12. Which mission carried the first kittens into space in 1970 to observe their vestibular system adaptation?

- A) Vostok 6
- B) Apollo 11
- C) Surveyor 1
- D) Verni i Zhulinka (Cosmos 368)