

Veterinary Science in Space

Veterinary Science · Answer Key · 15 Questions

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

- A) Laika the dog**
- B) Ham the chimpanzee
- C) Félicette the cat
- D) Albert the monkey

2. What species of animal was the first to survive a space flight and return to Earth safely?

- A) Dog
- B) Fruit fly**
- C) Mouse
- D) Rabbit

3. Which primate was the first hominid launched into space by the United States in 1961?

- A) Enos
- B) Ham**
- C) Gordo
- D) Able

4. What type of animal was 'Félicette,' the first and only cat to successfully travel to space?

- A) Persian
- B) Siamese
- C) Tuxedo**
- D) Tabby

5. In 1968, which animals were the first to circle the Moon and return to Earth safely?

- A) Two Russian tortoises**
- B) Two monkeys
- C) Two dogs
- D) Two hamsters

6. What insect was the first animal to be sent into space by the United States in 1947?

A) Honey bee

B) Fruit fly

C) Butterfly

D) Dragonfly

7. Which country sent the dog Laika into orbit aboard the Sputnik 2 spacecraft?

A) USA

B) China

C) Soviet Union

D) France

8. What was the primary goal of sending animals into space during early veterinary research?

A) To train them for combat

B) To study the effects of spaceflight on living organisms

C) To see if they could build habitats

D) To observe their diet in zero gravity

9. In 1959, two monkeys named Able and Baker became the first to survive a suborbital flight. What kind of monkeys were they?

A) Rhesus macaque and squirrel monkey

B) Chimpanzee and baboon

C) Capuchin and spider monkey

D) Howler and marmoset

10. What was the name of the first dog to return alive from orbit in 1960?

A) Belka and Strelka

B) Tsygan and Dezik

C) Mushka and Malysh

D) Bars and Lisichka

11. Which space agency conducted the most early animal experiments during the 1940s and 1950s?

A) NASA

B) ESA

C) Soviet Space Program

D) ISRO

12. Before mammals were sent, what simple living organisms were sent to space to test radiation effects?

- A) Bacteria
- B) Yeast
- C) Algae
- D) All of the above**

13. What physiological function are veterinarians most concerned with monitoring during space animal research?

- A) Heart rate**
- B) Fur growth
- C) Sleeping habits
- D) Tail length

14. Which of these animals has never been sent into orbit by scientists?

- A) Dog
- B) Rat
- C) Frog
- D) Elephant**

15. Space veterinary science studies how microgravity affects animal health. What is microgravity?

- A) Very high gravity
- B) A state of weightlessness**
- C) Extreme heat
- D) The absence of light