

Veterinary Science Innovations and Milestones

Veterinary Science · Answer Key · 15 Questions

1. Who is widely recognized for establishing the world's first formal veterinary school, founded in Lyon, France, in 1761?

- A) Claude Bourgelat**
- B) Louis Pasteur
- C) Jean-Baptiste Lamarck
- D) René Laennec

2. In which decade was the first successful live vaccine for canine distemper developed, representing a major milestone in small animal immunology?

- A) 1900s
- B) 1920s**
- C) 1940s
- D) 1960s

3. The first documented successful blood transfusion in a dog, performed by Richard Lower, took place in which century?

- A) 16th century
- B) 17th century**
- C) 18th century
- D) 19th century

4. What was the specific anatomical focus of the first veterinary surgery textbook, 'Anatomia Equorum', published by Carlo Ruini in 1598?

- A) Canine musculoskeletal system
- B) Bovine internal organs
- C) Equine anatomy**
- D) Avian respiratory tract

5. Which scientist is credited with discovering the causative agent of bovine brucellosis, later named *Brucella abortus* in his honor?

- A) Robert Koch
- B) Bernhard Bang**
- C) Daniel Salmon
- D) Theobald Smith

6. The first known veterinary pharmacopeia was compiled by which ancient civilization?

A) Ancient Egyptians

B) Ancient Greeks

C) Ancient Sumerians

D) Ancient Chinese

7. In 1881, Louis Pasteur demonstrated the efficacy of an anthrax vaccine in sheep; where was this historic field trial conducted?

A) Lyon

B) Pouilly-le-Fort

C) Paris

D) Versailles

8. What diagnostic invention, pioneered for human medicine in 1895, was first applied to veterinary clinical diagnostics by John M'Fadyean in 1896?

A) Ultrasound

B) X-ray

C) Electrocardiogram

D) MRI

9. Which disease was the first animal virus to be identified and characterized, leading to the development of modern virology?

A) Foot-and-mouth disease

B) Rabies

C) Rinderpest

D) Blue tongue

10. The first veterinary journal, 'Le Médecin des Animaux', was published in which year?

A) 1761

B) 1783

C) 1812

D) 1850

11. In 1952, which veterinary researcher identified the causative agent of feline panleukopenia, identifying it as a parvovirus?

A) J.L. Hamerton

B) R.A. Packer

C) J.H. Gillespie

D) J.D. Almeida

12. Which of the following U.S. government agencies was the first to establish a dedicated veterinary division, the Bureau of Animal Industry, in 1884?

A) USDA

B) FDA

C) CDC

D) NIH

13. The first successful feline kidney transplant was performed in which year, signaling a new era in veterinary transplant surgery?

A) 1978

B) 1987

C) 1995

D) 2002

14. Who was the first woman to graduate from a veterinary college in the United States, obtaining her degree from Cornell University in 1910?

A) Florence Kimball

B) Mignon Nicholson

C) Elinor McGrath

D) Mary Knight

15. The first veterinary degree (DVM) in North America was awarded by which institution in 1862?

A) University of Pennsylvania

B) Iowa State University

C) Ontario Veterinary College

D) Cornell University