

Nature and Animal Medicine Facts

Medicine · Answer Key · 15 Questions

1. What is the common name for the substance produced by bees that is used in some traditional medicines for its antimicrobial properties?

- A) Royal jelly
- B) Propolis**
- C) Beeswax
- D) Honey

2. Which organ in the human body is responsible for filtering blood and was historically studied using animal models?

- A) Heart
- B) Kidney**
- C) Liver
- D) Lungs

3. What substance, originally derived from the bark of the willow tree, is a common medication used to reduce pain and fever?

- A) Aspirin**
- B) Penicillin
- C) Insulin
- D) Morphine

4. Which animal's venom is studied by scientists to create heart medications because it helps control blood pressure?

- A) Garden snail
- B) Honey bee
- C) Pit viper**
- D) Earthworm

5. What type of organism is the source of the first antibiotic, penicillin?

- A) Bacteria
- B) Virus
- C) Fungus**
- D) Algae

6. Which essential vitamin is produced in human skin when it is exposed to ultraviolet light from the sun?

- A) Vitamin A
- B) Vitamin C
- C) Vitamin D**
- D) Vitamin K

7. What marine animal is often used in medical research to study the nervous system because of its giant axons?

- A) Squid**
- B) Dolphin
- C) Starfish
- D) Sea turtle

8. Which mineral is essential for the function of human red blood cells and is found in high quantities in red meat?

- A) Calcium
- B) Iron**
- C) Magnesium
- D) Zinc

9. What substance do sheep produce in their wool that is refined and used in many skin creams and medical ointments?

- A) Lanolin**
- B) Collagen
- C) Gelatin
- D) Keratin

10. The study of which branch of biology is essential for understanding how infectious diseases spread in the environment?

- A) Astronomy
- B) Epidemiology**
- C) Geology
- D) Botany

11. Which plant is widely known for the healing properties of its gel, often used to treat minor skin burns?

- A) Lavender
- B) Aloe vera**
- C) Peppermint
- D) Rosemary

12. What gas do humans inhale from the atmosphere that is vital for cellular respiration?

- A) Nitrogen
- B) Carbon dioxide
- C) Oxygen**
- D) Helium

13. Which type of animal is a common vector, or carrier, for diseases like Lyme disease in natural environments?

- A) Tick**
- B) Butterfly
- C) Grasshopper
- D) Ladybug

14. What is the primary substance in human bones that is also found in the shells of crustaceans like crabs and lobsters?

- A) Keratin
- B) Calcium phosphate**
- C) Collagen
- D) Chitin

15. Which biological process in plants produces the oxygen necessary for human life?

- A) Respiration
- B) Photosynthesis**
- C) Transpiration
- D) Pollination