

Nature's Pharmacy: Medicines from Plants and Animals

Pharmacology · Answer Key · 8 Questions

1. Salicin, a natural compound used to invent aspirin, was originally extracted from the bark of which tree?

- A) Willow tree**
- B) Oak tree
- C) Pine tree
- D) Maple tree

2. Which flowering plant is the natural source of the pain-relieving drug morphine?

- A) Opium poppy**
- B) Sunflower
- C) Lavender
- D) Aloe vera

3. Digoxin, a medication used to treat heart failure, is derived from which plant?

- A) Rose
- B) Foxglove**
- C) Dandelion
- D) Tulip

4. The antimalarial drug quinine was historically extracted from the bark of which tree?

- A) Birch
- B) Eucalyptus
- C) Cinchona**
- D) Cedar

5. Penicillin, the first widely used antibiotic, was discovered growing in which organism?

- A) Bacteria
- B) Fungus (Mold)**
- C) Algae
- D) Fern

6. Before synthetic production was invented, therapeutic insulin for humans was mainly harvested from which animals?

- A) Pigs and cattle**
- B) Chickens and ducks
- C) Dogs and cats
- D) Fish and frogs

7. The blue blood of horseshoe crabs is harvested in medicine to test injectables for what contamination?

A) Viruses

B) Bacterial endotoxins

C) Heavy metals

D) Microplastics

8. Paclitaxel, a medication used in cancer chemotherapy, was originally discovered in the bark of which tree?

A) Pacific Yew

B) Baobab

C) Redwood

D) Banyan