

Nature's Pharmacy: Medicines from Plants and Animals

Pharmacology · Practice Test · 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