

Tropical Rainforests: Ecology and Biodiversity

Biology · Practice Test · 15 Questions

1. What is the minimum annual rainfall required for a tropical rainforest?

- A) 500mm
- B) 1000mm
- C) 1500mm
- D) 2000mm

2. Where are tropical rainforests typically found?

- A) Near the equator
- B) Near the poles
- C) In desert regions
- D) Only in Europe

3. What percentage of the world's plant and animal species are found in rainforests?

- A) 10%
- B) 25%
- C) 50%
- D) 80%

4. How do rainforests help cool the Earth?

- A) By reflecting moonlight
- B) By absorbing sunlight
- C) By producing ice
- D) By blocking wind

5. What percentage of our diet originates from rainforests?

- A) 25%
- B) 50%
- C) 75%
- D) 80%

6. What percentage of pharmaceutical drugs are derived from rainforest plants?

- A) 5%
- B) 15%
- C) 25%
- D) 50%

7. What process allows rainforest trees to release oxygen into the atmosphere?

- A) Photosynthesis
- B) Respiration
- C) Transpiration
- D) Decomposition

8. How many of the world's 250,000 known plant species exist in rainforests?

- A) 50,000
- B) 100,000
- C) 170,000
- D) 200,000

9. What do rainforests act like to help soak up and release moisture?

- A) Giant filters
- B) Giant sponges
- C) Giant fans
- D) Giant dams

10. What percentage of all insects are estimated to live in tropical rainforests?

- A) 25%
- B) 50%
- C) 60%
- D) 80%

11. How do birds help rainforests regenerate?

- A) By building nests
- B) By eating predators
- C) By pollinating plants and dispersing seeds
- D) By hunting insects

12. Which feature allows lorries to feed on flowering plants?

- A) Strong bills
- B) Brush tongues
- C) Sharp claws
- D) Long tails

13. What do large parrots use their strong bills for?

- A) Breaking open hard nuts
- B) Digging in the soil
- C) Fighting predators
- D) Building elaborate nests

14. What type of environment are tropical birds, especially on islands, most vulnerable to?

- A) Extreme weather
- B) Lack of water
- C) High altitude
- D) Cold temperatures

15. Approximately what portion of rainforest plants have been tested for medicinal properties?

- A) 1%
- B) 10%
- C) 25%
- D) 50%