

## Botany Quiz: questions and answers



1. What is botany?

- The microscopic study of diseased tissue
- The branch of biology that deals with the normal functions of living organisms
- The science of plant life and a branch of biology

2. What is botany also known as?

- Plant biology
- Plant science
- Both

3. What is the scientist studying biology called?

- Plantologist
- Phytologist
- Plantier

4. What was botany formerly known as?

- Plant history
- Herbalism
- Plantology

5. Why the study of plants is vital?

- Because they underpin almost all animal life on Earth by generating a large proportion of the oxygen
- Because they allow us to know animals better

Because they make look good the planet

6. What is plant biochemistry?

- The study of chemical processes used by plants
- The science of the functional relationships between plants and their habitats
- The science that study the molecular biology of plants cells

7. What is the science of the functional relationship between plants and their habitats called?

- Plant ecology
- Plant anatomy
- Plant physiology

8. About how many species of land plants do the botanists study?

- 410,000
- 391,000
- 369,000

9. Where does modern botany have its roots?

- Ancient Greece
- Ancient Rome
- Ancient Egypt

10. Which plants are used to study the molecular biology of plant cells and the chloroplast?

- Arabidopsis thaliana
- Chlamydomonas reinhardtii
- Myristica fragrans

## Botany Quiz: questions and answers

### Right answers

1. What is botany?

The science of plant life and a branch of biology

2. What is botany also known as?

Both

3. What is the scientist studying biology called?

Phytologist

4. What was botany formerly known as?

Herbalism

5. Why the study of plants is vital?

Because they underpin almost all animal life on Earth by generating a large proportion of the oxygen

6. What is plant biochemistry?

The study of chemical processes used by plants

7. What is the science of the functional relationship between plants and their habitats called?

Plant ecology

8. About how many species of land plants do the botanists study?

410,000

9. Where does modern botany have its roots?

Ancient Greece

10. Which plants are used to study the molecular biology of plant cells and the chloroplast?

Arabidopsis thaliana