

Soil Science Fundamentals

Environmental Science · Answer Key · 10 Questions

1. What is the science dealing with soils as a natural resource called?

A) Soil science

- B) Geology
- C) Botany
- D) Ecology

2. Which of the following is NOT a key role of soil?

- A) Medium for plant growth
- B) System for water purification
- C) Habitat for soil organisms

D) Source of unlimited energy

3. What is the study of soils with emphasis on their practical use and relationship to plant growth called?

A) Edaphological Approach

- B) Pedological Approach
- C) Geological Approach
- D) Biological Approach

4. What is the study of soils with a principal interest in characterization and differentiation of their properties called?

A) Pedological Approach

- B) Edaphological Approach
- C) Chemical Approach
- D) Physical Approach

5. Which field of soil science deals with the protection of soil against physical loss by erosion?

A) Soil conservation and management

- B) Soil survey and classification
- C) Soil mineralogy
- D) Land use

6. Soil serves as a natural reservoir of what?

A) Nutrients

- B) Oil
- C) Minerals
- D) Gases

7. What is a basic sampling unit used in soil surveys, measuring 1-10m² in top surface area, called?

- A) Pedon
- B) Polypedon
- C) Soil Individual
- D) Soil Surface**

8. What is described as a natural and dynamic body formed in the land surface?

- A) Soil**
- B) Rock
- C) Water
- D) Air

9. Soil is formed from the weathering of what?

- A) Rocks**
- B) Plants
- C) Animals
- D) Water

10. Which of the following is considered an importance of soil?

- A) Root anchorage**
- B) Air purification
- C) Noise reduction
- D) Cloud formation