

Seed Germination Quiz PDF

Seed Germination Quiz PDF

Disclaimer: *The seed germination quiz pdf was generated with the help of StudyBlaze AI. Please be aware that AI can make mistakes. Please consult your teacher if you're unsure about your solution or think there might have been a mistake. Or reach out directly to the StudyBlaze team at max@studyblaze.io.*

Which part of the seed emerges first during germination?

- Plumule
- Radicle
- Seed Coat
- Cotyledon

What is the primary function of the seed coat?

- Photosynthesis
- Protection
- Water absorption
- Nutrient storage

What is the first stage of seed germination?

- Activation
- Imbibition
- Dormancy
- Growth

Which condition is NOT essential for seed germination?

- Light
- Oxygen
- Temperature
- Water

Which of the following is a nutrient-rich tissue in seeds?

- Seed Coat
- Radicle

- Plumule
- Endosperm

What is the role of cotyledons in seed germination?

- Protect the seed
- Absorb water
- Provide oxygen
- Store food

Which factors can affect the rate of seed germination? (Select all that apply)

- Seed viability
- Soil pH
- Wind speed
- Seed age

What are the functions of the endosperm in a seed? (Select all that apply)

- Protection
- Photosynthesis
- Support for the embryo
- Nutrient storage

What type of germination involves cotyledons remaining below the soil?

- Epigeal
- Aerial
- Subterranean
- Hypogeal

Which factor can cause seed dormancy?

- Excess water
- Hard seed coat
- Optimal temperature
- Abundant light

Which parts of the seed are involved in the initial growth during germination? (Select all that apply)

- Radicle
- Seed Coat
- Cotyledons
- Plumule

Which of the following are necessary conditions for seed germination? (Select all that apply)

- Water
- Light
- Temperature
- Oxygen

Which environmental factors can lead to seed dormancy? (Select all that apply)

- Low temperature
- High humidity
- Lack of oxygen
- Presence of growth inhibitors

What are characteristics of epigeal germination? (Select all that apply)

- Cotyledons above soil
- Cotyledons below soil
- Rapid initial growth
- Requires more light