

## Protists Quiz PDF

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**What are some of the challenges in classifying protists into distinct groups?**

**Which of the following are roles of protists in ecosystems?**

- Decomposer
- Pathogens
- Primary producers
- Pollinators

**Which protist is often used as a model organism in biological research?**

- Plasmodium
- Paramecium
- Giardia
- Trypanosoma

**What are the methods of reproduction in protists?**

- Binary fission
- Budding
- Conjugation
- Spore formation

**Discuss the evolutionary significance of protists in the development of multicellular life.**

**Describe the process of conjugation in protists and its significance.**

**What is the primary ecological role of algae in aquatic environments?**

- Decomposer
- Predator
- Primary producer
- Parasite

**Explain the role of protists in biotechnology and medical research.**

**Which structure is commonly used by protists for movement?**

- Pseudopodia
- Roots
- Wheels
- Tentacles

**Which of the following is an example of a plant-like protist?**

- Amoeba
- Paramecium
- Euglena
- Plasmodium

**What is the primary characteristic that distinguishes protists from prokaryotes?**

- Lack of a nucleus
- Presence of a nucleus
- Ability to photosynthesize
- Multicellularity

**Which of the following protists is known for its unique glass-like cell wall?**

- Amoeba
- Diatom
- Paramecium
- Euglena

**What type of nutrition do autotrophic protists use?**

- Parasitic
- Saprophytic
- Photosynthetic
- Heterotrophic

**In which environments can protists be found?**

- Freshwater
- Marine
- Soil
- Air

**Which of the following are characteristics of protists?**

- Eukaryotic cells
- Multicellular
- Can be autotrophic or heterotrophic

Lack a nucleus

**Which of the following protists are known to be pathogenic to humans?**

- Giardia
- Paramecium
- Plasmodium
- Trypanosoma

**Which of the following are examples of protozoa?**

- Amoeba
- Plasmodium
- Diatom
- Paramecium

**How do protists serve as indicators of environmental changes? Provide examples.**

**Which group of protists is primarily responsible for causing malaria?**

- Algae
- Slime molds
- Protozoa
- Diatoms

**Explain how protists contribute to the aquatic food web.**

