

Name _____

Fungal Fantasia: The Intriguing World of Fungal Reproduction

Multiple Choice Questions

1. How do fungi reproduce through asexual reproduction?
 - a) By producing and releasing spores
 - b) By fusion of gametes
 - c) By forming mating types or mating hyphae
 - d) By fragmentation or budding

2. What are spores?
 - a) Large reproductive cells
 - b) Genetically identical offspring
 - c) Tiny, lightweight reproductive cells
 - d) Structures for fusion of gametes

3. What is a common method of dispersal for fungal spores?
 - a) Animal mating
 - b) Wind, water, or animals
 - c) Fusion of gametes
 - d) Fragmentation or budding

4. How does sexual reproduction in fungi differ from asexual reproduction?
 - a) Sexual reproduction involves fusion of gametes, while asexual reproduction does not.
 - b) Sexual reproduction produces genetically identical offspring, while asexual reproduction produces genetically diverse offspring.
 - c) Sexual reproduction occurs in specific environmental conditions, while asexual reproduction occurs under any condition.
 - d) Sexual reproduction involves fragmentation or budding, while asexual reproduction involves fusion of gametes.

5. What is plasmogamy in fungal sexual reproduction?
 - a) Fusion of gametes
 - b) Formation of mating types or mating hyphae
 - c) Fusion of cytoplasm, but not nuclei
 - d) Fusion of nuclei to form a diploid nucleus

