

Natural Sciences

Biology 24

Fungi MCQ

Author: OpenStax College

Published 2015

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4. Chapter: Biology 24 Fungi MCQ

1. Biology 24 Fungi MCQ Questions

4.1.1. Which polysaccharide is usually found in the cell wall of fungi?

Author: OpenStax College

Which polysaccharide is usually found in the cell wall of fungi?

Please choose only one answer:

- starch
- glycogen
- chitin
- cellulose

Check the answer of this question online at QuizOver.com:

Question: [Which polysaccharide is usually found in OpenStax College Biology](#)

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4.1.2. Which of these organelles is not found in a fungal cell?

Author: OpenStax College

Which of these organelles is not found in a fungal cell?

Please choose only one answer:

- chloroplast
- nucleus
- mitochondrion
- Golgi apparatus

Check the answer of this question online at QuizOver.com:

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4.1.3. The wall dividing individual cells in a fungal filament is called a

Author: OpenStax College

The wall dividing individual cells in a fungal filament is called a

Please choose only one answer:

- thallus
- hypha
- mycelium
- septum

Check the answer of this question online at QuizOver.com:

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4.1.4. During sexual reproduction, a homothallic mycelium contains

Author: OpenStax College

During sexual reproduction, a homothallic mycelium contains

Please choose only one answer:

- all septated hyphae
- all haploid nuclei
- both mating types
- none of the above

Check the answer of this question online at QuizOver.com:

Question: [During sexual reproduction a homothallic OpenStax College Biology](#)

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4.1.5. The most primitive phylum of fungi is the _____.

Author: OpenStax College

The most primitive phylum of fungi is the _____.

Please choose only one answer:

- Chytridiomycota
- Zygomycota
- Glomeromycota
- Ascomycota

Check the answer of this question online at QuizOver.com:

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4.1.6. Members of which phylum produce a clubshaped structure that contain...

Author: OpenStax College

Members of which phylum produce a clubshaped structure that contains spores?

Please choose only one answer:

- Chytridiomycota
- Basidiomycota
- Glomeromycota
- Ascomycota

Check the answer of this question online at QuizOver.com:

Question: [Members of which phylum produce a clubshaped OpenStax College Biology](#)

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4.1.7. Members of which phylum establish a successful symbiotic relationsh...

Author: OpenStax College

Members of which phylum establish a successful symbiotic relationship with the roots of trees?

Please choose only one answer:

- Ascomycota
- Deuteromycota
- Basidiomycota
- Glomeromycota

Check the answer of this question online at QuizOver.com:

Question: [Members of which phylum establish a OpenStax College Biology 24 Quest](#)

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4.1.8. The imperfect fungi that do not reproduce sexually are classified a...

Author: OpenStax College

The imperfect fungi that do not reproduce sexually are classified as _____.

Please choose only one answer:

- Ascomycota
- Deuteromycota
- Basidiomycota
- Glomeromycota

Check the answer of this question online at QuizOver.com:

Question: [The imperfect fungi that do not reproduce OpenStax College Biology](#)

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4.1.9. What term describes the close association of a fungus with the root...

Author: OpenStax College

What term describes the close association of a fungus with the root of a tree?

Please choose only one answer:

- a rhizoid
- a lichen
- a mycorrhiza
- an endophyte

Check the answer of this question online at QuizOver.com:

Question: [What term describes the close association OpenStax College Biology](#)

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4.1.10. Why are fungi important decomposers?

Author: OpenStax College

Why are fungi important decomposers?

Please choose only one answer:

- They produce many spores.
- They can grow in many different environments.
- They produce mycelia.
- They recycle carbon and inorganic minerals by the process of decomposition.

Check the answer of this question online at QuizOver.com:

Question: [Why are fungi important decomposers OpenStax College Biology 24 Quest](#)

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4.1.11. A fungus that climbs up a tree reaching higher elevation to release...

Author: OpenStax College

A fungus that climbs up a tree reaching higher elevation to release its spores in the wind and does not receive any nutrients from the tree or contribute to the tree's welfare is described as a _____.

Please choose only one answer:

- commensal
- mutualist
- parasite
- pathogen

Check the answer of this question online at QuizOver.com:

Question: [A fungus that climbs up a tree reaching OpenStax College Biology](#)

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4.1.12. A fungal infection that affects nails and skin is classified as ____...

Author: OpenStax College

A fungal infection that affects nails and skin is classified as _____.

Please choose only one answer:

- systemic mycosis
- mycetismus
- superficial mycosis
- mycotoxicosis

Check the answer of this question online at QuizOver.com:

Question: [A fungal infection that affects nails and OpenStax College Biology](#)

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4.1.13. Yeast is a facultative anaerobe. This means that alcohol fermentati...

Author: OpenStax College

Yeast is a facultative anaerobe. This means that alcohol fermentation takes place only if:

Please choose only one answer:

- the temperature is close to 37°C
- the atmosphere does not contain oxygen
- sugar is provided to the cells
- light is provided to the cells

Check the answer of this question online at QuizOver.com:

Question: [Yeast is a facultative anaerobe. This OpenStax College Biology 24](#)

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4.1.14. The advantage of yeast cells over bacterial cells to express human ...

Author: OpenStax College

The advantage of yeast cells over bacterial cells to express human proteins is that:

Please choose only one answer:

- yeast cells grow faster
- yeast cells are easier to manipulate genetically
- yeast cells are eukaryotic and modify proteins similarly to human cells
- yeast cells are easily lysed to purify the proteins

Check the answer of this question online at QuizOver.com:

Question: [The advantage of yeast cells over bacterial OpenStax College Biology](#)

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