

































# M04 Game Day

Wednesday, March 02, 2011  
7:12 AM

Slide		Notes																		
<h2>Teams</h2> 																				
<table border="1"><thead><tr><th></th><th>L1</th><th>L2</th></tr></thead><tbody><tr><td>parietal lobe</td><td></td><td></td></tr><tr><td>frontal lobe</td><td></td><td></td></tr><tr><td>occipital lobe</td><td></td><td></td></tr><tr><td>temporal lobe</td><td></td><td></td></tr><tr><td>cerbellum</td><td></td><td></td></tr></tbody></table>		L1	L2	parietal lobe			frontal lobe			occipital lobe			temporal lobe			cerbellum				
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	occipital lobe																			
temporal lobe																				
cerbellum																				



If a fungus forms haustoria, is it saprophytic or parasitic? **retial lobe**

Choose one answer.

- a. parasitic
- b. saprophytic

What kind of hypha exists in all multicellular fungi? **rortal lobe**

Choose one answer.

- a. septate hypha
- b. aerial hypha
- c. rhizoid hypha

What does chitin provide for a fungus? **al lobe**

Choose one answer.

- a. It is an essential nutrient for a fungi
- b. cell wall material that is flexible and tough
- c. It hosts its immune system

Name two specialized aerial hyphae. **temporal lobe**

Choose one answer.

- a. haustorium or mycelium
- b. sporophore or a stolon

An organism eats food and then digests it. Does this organism belong to k

Choose one answer.

- a. No. Fungi digest outside of their bodies
- b. Yes

1. Parasitic
2. Rhizoid
3. Cell wall
4. B
5. a

What part of the mushroom (the stipe, cap, or gill) holds the basidia?

Choose one answer.

- a. Stipe
- b. Cap
- c. Gill

**SELECT ALL THAT APPLY: Give two means of sexual reproduction and one means of asexual reproduction employed by bread molds.**

**YOU WILL SELECT THREE OF THE FOLLOWING!**

Choose at least one answer.

- a. The mycelia form zygospores
- b. The spores from the gills of one pollinate the other
- c. The stolon elongates and starts another mycelium
- d. Aerial hypha form sporophore

What useful medicine is produced by fungi in genus Penicillium? There is a general r such medicines. What is that general name?

Choose one answer.

- a. Aspirin, the general term is pain killer
- b. penicillin, the general term is antibiotic

A mushroom is in the button phase. Has it released its spores yet?

- Choose one answer.
- a. no
  - b. yes

A biologist looks through a microscope at a single-celled life form. The microscope is not good enough to discern whether the cell is eukaryotic or prokaryotic. However, the biologist does see that the cell reproduces by budding. What is the most likely kingdom in which this organism belongs?

- Choose one answer.
- a. Kingdom Protista
  - b. Kingdom Fungi. It is most likely a yeast.

Bread rises because of the fermentation process. Since this process produces alcohol and carbon dioxide, why don't you get drunk when you eat bread?

- Choose one answer.
- a. The alcohol evaporates during cooking
  - b. This type of alcohol doesn't get you drunk
  - c. The yeasts consume it all

A biologist observes a slime mold only during its feeding stage. In what kingdom will the biologist likely classify the slime mold?

- Choose one answer.
- a. fungi
  - b. protista

A fungus forms a fruiting body. Is it likely to be a bread mold?

- Choose one answer.
- a. no
  - b. yes

A bread mold forms a stolon for reproduction. Is it reproducing sexually or asexually?

- Choose one answer.
- a. sexually
  - b. asexually

Given the phyla of kingdom Fungi: Basidiomycota, Ascomycota, Zygomycota, Chytridiomycota, Deuteromycota, and Myxomycota, classify fungi with these characteristics:

occipital lobe

temporal lobe

cerebellum

Given the phyla of kingdom Fungi: Basidiomycota, Ascomycota, Zygomycota, Chytridiomycota, Deuteromycota, and Myxomycota, classify fungi with these characteristics:

form spores on clublike basidia	Basidiomycota ▼
resemble both protozoa and fungi	Myxomycota ▼
form sexual spores where hyphae fuse	Zygomycota ▼
have no known sexual mode of reproduction	Deuteromycota ▼