

Benha university

Date: 18/1/2016

Faculty of science

Time: 1 hours

Botany department

3rd chemistry and microbiology students

Physiology of fungi

Answer the questions :

1)

a- Storage phase

G- Bioassays

B- Balanced phase

H- Anabolism

C- Maintenance phase

i- Glycolysis

D- Morphological state

j- Catabolism

E- Phytotoxins

k- hanolactic type

F- DNA of the nucleus

L- secondary metabolites

2)

A- Mycosis : The disease of animal including man , caused by the invasion of host tissue by the fungus .

B- Mycotoxicoses : poisoning of the host resulting from ingestion of toxic substances of fungal origin .

c- Aflatoxins are produced by aspergillus flavus , A. Parasiticus and penicillium puberulum . cotton seeds and copra are most favorable substrates .

D- Heterothallism : when two isolates of micro were grown together n a petri dish , zygosporos appeared at the point of contact between hyphae of two isolates .

E- Homothallism : a single asexual spore was capable of forming zygosporos independently .
