



University of Technology

Department of Applied Sciences
Final Exam 2015/2016



Subject : Fungi & Toxins
Branch : Biotechnology Division
Examiner : Lecturer Hiba thamir hussain

Class : 2nd year
Time : 3hr
Date : /9/2016

Note ((Answer Four question only))

Q1:-A- Define class pyrenomycetes?

B- Enumerate the benefites of Ergote?

C- Define Basidium and his types with drawing?

D- Draw the *Aspergillus* fungus?

E- Explain How Ascus (asci) formation ? (25 markes)

Q2:- A- Explain the life cycle of *claviceps purpurea*?

B-Define Glomeromycota? -C - Define Mucorales ? D- Define Chytridiales?

E- Classify the true fungi (mycota)?(25 markes)

Q3:- Answer the following :- A-Define the oportunistc systemic mycosis with examples?

B- Define Sclerotia ?C- - Define conidiophores ?D- Define Aflatoxicosis?(25markes)

Q 4:- Answer the following :- A- Define Saprophytism nutrition ?

B- Define Acute mycotoxicosis? C-Give the characteristic feature of mycotoxin ?(5 only)

D -Vegetative reproduction takes place by many methods Enumerate ?

E-Enumerate harmful effects of fungi ? (25markes)

Q5 :- Answer the following:- A- Explain the Asexual reproduction in *Aspergillus spp*?


B-- Define phylum Ascomycetes (Ascomycota)?

C- Give the names of toxins that produce from the following fungi (*Aspergillus* , *claviceps*) ?

D-Enumerate the type of hyphae with drawing ?

E- Give the important differences between the oomycetes and fungi? (25markes)

مع تمنياتي لكم بالموفقية والنجاح


المدرسة شهابية ناصر حسين



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