

JARAMOG OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATIONS 2012/2013
2nd YEAR 2nd SEMESTER EXAMINATIONS FOR THE DEGREE OF BSC. PUBLIC
HEALTH
(KISII LEARNING CENTRE)

COURSE CODE: HCD 3228
COURSE TITLE: MEDICAL MYCOLOGY

1. a) Mention and Describe the four types of mycotic diseases 8mks
b) How are fungal infections diagnosed? 14mks
c) List any four primary antifungal agents and briefly mention their modes of action 8mks.
2. Discuss *Cryptococcus neoformans* under the following subtopics
 - a) Epidemiology 3mks
 - b) Clinical manifestations 5mks
 - c) Evasion of immune defenses in the host. 3mks
 - d) Immune response 3mks
 - e) Diagnosis 3mks
 - f) Treatment 3mks
3. Discuss the impact of fungal infections in the immune-compromised patients 20mks
4. Discuss the clinical manifestations, diagnosis and treatment of *Candida albicans* 20mks
5. a) what causes dark-grained mycetoma 4mks
b) Differentiate dark- grained mycetoma from pale-grained mycetoma 6mks
c) Describe Chromoblastomycosis in reference to etiology and pathogenesis 10mks