



**JARAMOGI 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: HPD 3228

COURSE TITLE: MEDICAL MYCOLOGY

DATE: 15/4/2013

TIME: 14.00-16.00PM

DURATION: 1.5 HOURS

INSTRUCTIONS

- 1. This paper contains TWO sections.**
- 2. Answer ALL questions in section A (Compulsory) and ANY other Two questions in section B.**
- 3. Write all answers in the booklet provided**

Q1 a) List 10 factors that can predispose one to fungal infections? 10mks

b) Discuss Candidiasis Pathogenesis, Virulence and Host Reactions under the following subtopics
20mks

i) Attachment 5mks

ii) Invasion 5mks

iii) Involvement of host defenses 5mks

iv) Evasion of host defenses 5mks

Q2 Discuss the Clinical Groupings of Fungal Infections and diseases caused by them 20mks

Q3 Discuss the following diseases under aetiology, epidemiology, transmission, control and treatment. 20mks

a). Tinea pedis 5mks

b). Tinea cruris 5mks

c). Tinea unguium 5mks

d). Tinea corporis 5mks

Q4. A. What is the role of fungi in the economy 15mks

B. Define the following Asexual spores 5mks

a. Conidia

b. Arthroconidium

c. Blastoconidia / Blastospore

d. Chlamyospore

e. Sporangiospore

Q5. Discuss Histoplasmosis (also called *cave disease*) under the following subtopics
20mks

A. Aetiology 2mks

B. Spread 4mks

C. Immune Response 3mks

D. Damage 4mks

E. Diagnosis 3mks

F. Treatment 4mks