

**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
YEAR FIRST SEMESTER EXAMS
~~SBI 3211~~ BASIC HCD 3228 MEDICAL MYCOLOGY**

KISUMU LEARNING CENTER

SECTION A: Answer ALL questions in this section (3 Marks each).

1. List the characteristics of fungi.
2. Four phyla of fungi are identified by the shape and presence of their sporangium. Name three phyla and give an example in each case.
3. Differentiate between cutaneous and subcutaneous mycoses and give an example in each case.
4. List the economic importance of fungi.
5. Establishment of an infection with a mycotic agent depends on two factors. Name them.
6. List three factors that determine the pathogenicity of fungi.
7. List six methods by which *Tinea corporis* can be prevented.
8. Differentiate between white and black piedra.
9. List six risk factors for the development of opportunistic mycoses.
10. Name the portal of entry for the following;
 - a) Primary mycoses
 - b) Cutaneous mycoses
 - c) Subcutaneous mycoses

SECTION B

Answer any TWO questions from this section (20 marks each)

1. Discuss the effect of fungi on human health.
2. With reference to a particular human mycoses, discuss its etiology, causative agent, epidemiology, treatment and prevention and control strategies.
3. Individuals living in crowded areas such as a boarding school are at risk of acquiring cutaneous mycoses. Discuss other risk factors these individuals are exposed to and the prevention and control strategies.
4. Discuss the mechanism of action of antifungal drugs.

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