

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

# **UNIVERSITY EXAMINATIONS 2014/2015**

**SECOND YEAR SECOND SEMESTER SPECIAL/SUPPLEMENTARY EXAMINATION FOR THE DEGREE OF SCIENCE IN PUBLIC HEALTH**

**IPH 2208 : MEDICAL MYCOLOGY**

**DATE: DECEMBER 2014 TIME: 2 HOURS**

**INSTRUCTIONS:**

**ANSWER ALL QUESTIONS IN SECTION A AND ANY ONE QUESTION IN SECTION B**

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**SECTION A**

1. Describe THREE forms of candidosis common among females [6 marks]
2. Distinguish:
3. Tineas and piedras [3 marks]
4. Mycoallergy and mycotoxicoses [3 marks]
5. Explain mechanisms of action of antimycotic agent and give two examples of relevant agents for each mechanism. [6 marks]
6. Outline the signs and symptoms indicative of aflotoxin poisoning [6 marks]
7. With the aid of diagrams, distinguish the following fungal morphologies;
8. Pseudohyphae [3 marks]
9. Mold [3marks]
10. Describe six forms of ringworm manifestation during human injection [6 marks]
11. Mycotoma is a common presentation of trauma fungi. Explain its development and hoe it can be controlled. [6 marks]
12. Outline the role of sexual spores in fungal taxonomy. [6 marks]

SECTION B

1. Aspergillosis is one of the opportunistic mycoses. Discuss highlighting the following:
2. Aetiogic agent [3 marks]
3. Forms and predisposing factors [10 marks]
4. Laboratory diagnosis [4 marks]
5. Treatment and prevention [5 marks]
6. Describe the clinical classification of fungi. [22 marks]
7. Explain the following stages of diagnosis of mycoses
8. Microscopy [10 marks]
9. Culture [12 marks]