

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

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2020/2021**

**FOURTH YEAR SUPPLEMENTARY/SPECIAL EXAMINATION FOR THE DEGREE OF BSC IN MEDICAL MICROBIOLOGY**

**MMB 2412: MEDICAL MYCOLOGY II**

**DATE: MARCH 2021 TIME: 2 HOURS**

INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

**QUESTION ONE: 30 MARKS**

a. Explain the following:-

i. Anthrophilic. (2 marks)

ii. Geophilic. (2 marks)

iii. Zoophilic. (2 marks)

b. Describe clinical manifestation of tinea vesicular. (6 marks)

c. Briefly describe Tinea capitis. (6 marks)

d. Describe the clinical manifestation of sporotrichosis. (6 marks)

e. Describe the general mechanisms of action of:-

i. Azoles. (3 marks)

ii. Polyenes. (3 marks)

**QUESTION TWO: 20 MARKS**

Discuss zygumycosis.

**QUESTION THREE: 20 MARKS**

Discuss general diagnostics methods of Fungal infections

**QUESTION FOUR: 20 MARKS**

Discuss Aspergillosis.