CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF MASTER OF SCIENCE IN BOTANY (MICROBIOLOGY AND BIOTECHNOLOGY)

MICB 833: PATHOGENIC MICROORGANISMS

STREAMS: TIME: 3 HOURS

DAY/DATE: THURSDAY 15/07/2021 2.30 P.M – 5.30 P.M

INSTRUCTION

Answer any three questions

1.	Discuss the evolution of pathogens.	[20 marks]
2.	Discuss the microbial mechanisms of pathogenicity.	[20 marks]
3.	Discuss various bacterial toxins used during infection.	[20 marks]
4.	Discuss the host immune response.	[20 marks]
5.	(a) Outline differences between virus and Viroids.	[10 marks]
	(b) Explain why diagnosis and treatment of Viroid diseases is challenging	. [10 marks]

.....