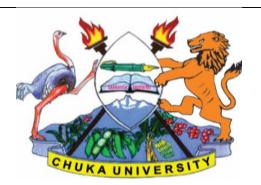
CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF DOCTORATE OF PHILOSOPHY IN MICROBIOLOGY AND BIOTECHNOLOGY

BOTA 910: RESEARCH METHODOLOGY

STREAMS: PhD TIME: 3 HOURS

DAY/DATE: TUESDAY 13/8/2019 2.30 P.M. – 5.30 P.M

INSTRUCTIONS:

- Answer any THREE questions
- Do not write on the question paper

QUESTION ONE (20 MARKS)

(a) Discuss the importance of intellectual property rights. [8 marks]

(b) Using hypothetical findings, write down a patents for it. [12 marks]

QUESTION TWO (20 MARKS)

(a) Describe the research process [12 marks]

(b) Literature review is an important part of proposal writing. Discuss [8 marks]

QUESTION THREE (20 MARKS)

Discuss the relationship between research and theory.

QUESTION FOUR (20 MARKS)

(a) Compare quantitative and qualitative research approaches. [12 marks]

(b) Discus the characteristics of a good publication. [8 marks]

BOTA 910
