

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN ECONOMICS AND STATISTICS

PHIL 101: INTRODUCTION TO LOGIC

STREAMS:Y1S2

TIME: 2 HOURS

DAY/DATE: TUESDAY 17/04/2018

8.30 A.M – 10.30 A.M

INSTRUCTION:

- **Answer question one and any other two**
1. (a) Discuss any three reasons why a study of logic is important for anyone. [10marks]
(b) Discuss the basic differences between deductive reasoning and inductive reasoning. [20marks]
 2. Explain the claim that fallacies are an impediment to critical and creative thinking. [20marks]
 3. State and explain any four types of definitions. [20marks]
 4. (a) Define a syllogism. [2marks]
(b) State the conditions of syllogism [6marks]
(c) State and explain any two syllogistics rules and identify the syllogistic fallacy committed when each of those rules are violated. [12marks]
 5. State and critically discuss the process of the acquisition of ideas in the mind. [20marks]
 6. Distinguish hypothetical from actual truths by use of relevant examples. [20marks]
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