CHUKA   **UNIVERSITY**

UNIVERSITY EXAMINATIONS

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

PHIL 101: INTRODUCTION TO LOGIC

STREAMS: **TIME: 2 HOURS**

DAY/DATE: WEDNESDAY 12/04/2023   **8.30 A.M – 10.30 A.M**

INSTRUCTIONS:

Answer question one and any other two questions only

1.   (a) With relevant examples discuss the following two aspects of correct thinking clearly explaining how the two contribute good thinking.

(i) the aspect of from   [5 marks]

(ii) the aspect of matter   [5 marks]

(b) Explain how logic is both the art and science of correct thinking.   [5 marks]

(c) With relevant examples discuss the three mental acts in the process of thinking.

[15 marks]

2.   (a) Explain the distinction between formal and informal fallacies.   [5 marks]

(b) With relevant examples discuss any three informal fallacies explaining the error each commits and how it can be avoided.

3.   With clear examples discuss the general functions of definitions.   [20 marks]

4. Citing relevant examples distinguish a good deductive argument from a bad deductive argument.   [20 marks]

5. Discuss any four obstacles to critical thinking. For each explain why it is on obstacle and how it can be avoided.   [20 marks]