



**EMBU UNIVERSITY COLLEGE**  
**(A Constituent College of the University of Nairobi)**

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2015/2016 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF  
EDUCATION (ARTS)

SCHOOL-BASED

TPR 102: INTRODUCTION TO LOGIC AND CRITICAL THINKING DATE:

DATE: APRIL 13, 2016

TIME: 08:30-10:30

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INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

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QUESTION ONE

- a) Define logic? (5 marks)
- b) What is form in logic? (5 marks)
- c) Explain word from a logic and critical thinking perspective? (5 marks)
- d) What is an informal fallacy? (5 marks)
- e) Explain definition synonyms? (5 marks)
- f) What is a categorical syllogism? (5 marks)

QUESTION TWO

Explain the **FOUR** kinds of definitions from a logic perspective? (20 marks)

QUESTION THREE

Explain **TWO** kinds of arguments by giving examples? (20 marks)

QUESTION FOUR

Name and explain **FIVE** values of logic? (20 marks)

**QUESTION FIVE**

Discuss **FIVE** rules that determine valid and invalid arguments

(20 marks)

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