



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2009/2010

INSTITUTION BASED PROGRAMME

APRIL SESSION EXAMINATION FOR THE DEGREE OF MASTER OF EDUCATION

EFN/M/522: LOGIC AND EDUCATION

DATE: Friday 3rd September, 2010

TIME: 2.00 p.m. – 5.00 p.m.

INSTRUCTIONS

Answer THREE Questions.

1. (a) Clearly, discuss your understanding of the following concepts:
 - (i) deductive argument
 - (ii) inductive argument
 - (iii) categorical proposition
 - (iv) categorical syllogism
 - (v) validity
 - (vi) soundness
- (b) For each of the above in (a) construct an example and show why it is so.
2. (a) What are fallacies?
- (b) Discuss any four fallacies you know of and clearly show why they are fallacies.
- (c) How would the knowledge of fallacies help you in education issues? Give specific examples.
3. (a) What is the meaning and general function of definition?
- (b) Distinguish between denotative definition and connotative definition.
- (c) Differentiate between, definition by synonyms, definition by genus of difference and definition by contextuality.

4. By using an appropriate example of a categorical syllogism differentiate between a major term, minor term, middle term as well as a major and minor premise.
5. Discuss generally the value of logic in education as you see it today. Give specific examples.

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