



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2011/2012
SECOND SEMESTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF ARTS
APH 101: INTRODUCTION TO PHILOSOPHY

DATE: FRIDAY, 30TH MARCH, 2012

TIME: 8.00A.M – 10.00 A.M.

INSTRUCTIONS

Answer Question ONE and TWO other Questions

1.
 - a) What is logic and why is it significant in the enhancement of reasoning skills *8 marks*
 - b) Distinguish between the way logic and psychology study reasoning. *6 marks*
 - c) Using appropriate illustrations, explain the following concepts in Logic
 - i. Argument *2marks*
 - ii. Validity *2marks*
 - iii. Cogency *2marks*
 - iv. Soundness *2marks*
 - v. Enthymeme *2marks*
 - d) Outline the main differences between deductive and inductive reasoning *6marks*
2.
 - a) “Fallacious reasoning is repugnant to good thinking.” With five clear examples, explain this contention *10marks*
 - b) Demonstrate two ways in which language can enhance fallacious reasoning. *4marks*
 - c) Suggest three ways of overcoming fallacies *6marks*
3.
 - a) Explain the salient features of a categorical proposition. *4marks*
 - b) Change the quality and quantity of the following categorical propositions. *4marks*
 - i. All governments that bargain with terrorists are governments that encourage terrorism
 - ii. Some criminal lawyers are people with a conscience
 - iii. No smokers are healthy persons.
 - iv. Some communists are not opponents of capitalist economics
 - c) Draw Venn diagrams for the following categorical propositions. *4marks*
 - i. All logicians are critical thinkers
 - ii. No tax audits are pleasant experiences for cheaters
 - iii. Some political campaigns are mere attempts to discredit opponents
 - iv. Some sociologists are not philosophers
 - d) Explain the relationship between quantity, quality and distribution in the logic of categorical statements *8marks*

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4 a) What is a categorical syllogism?

4 marks

b) Test the validity of each of the following syllogisms. You must put the arguments into standard form for those that are not. For the ones that are invalid explain the fallacy or fallacies committed.

16marks

- i. Some foreign emissaries are people without diplomatic immunity, so some people invulnerable to arrest and prosecution are foreign emissaries, because no people with diplomatic immunity are people vulnerable to arrest and prosecution.
- ii. Some proposed flights to Mars are inexpensive ventures, because all unmanned space missions are inexpensive ventures, and some proposed flights to Mars are not manned space missions.
- iii. Some unintentional killings are not punishable offenses, inasmuch as all cases of self-defense are un-punishable offenses, and some intentional killings are cases of self-defense.
- iv. Some people who do not regret their crimes are convicted murderers, so some convicted murderers are people insusceptible of being reformed, since all people susceptible of being reformed are people who regret their crimes.

5. i) Using an appropriate scheme of abbreviation, which you must indicate, symbolize the following statements:

8marks

- a. It is not the case that John and James will go for the field trip and Janet won't.
- b. Neither Judy nor Charles are good lectures
- c. We are not likely to get honest politicians elected or responsive government provided that political campaigns continue to be so expensive and we don't stop 'big fish' from bankrolling political campaigns.

ii) It A and B are true, and C, D and E are false, what are the truth values of the following propositions.

12marks

1. $A \leftrightarrow (C \supset B)$
2. $\neg[(A \supset \neg B) \rightarrow (C \supset \neg D)]$
3. $[(A \supset B) \supset C] \supset [(A \supset C) \supset (A \supset D)]$
4. $[(A \rightarrow \neg B) \supset (C \supset \neg D)] \leftrightarrow [\neg(A \rightarrow D) \supset (\neg C \vee E)]$