



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2013/2014

**THIRD YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF ARTS WITH INFORMATION
TECHNOLOGY
(MAIN CAMPUS)**

APH 312: INDUCTION

Date: 14th July 2014

Time: 2.30 – 4.30 pm

INSTRUCTIONS:

- Answer any THREE questions.



APH 312: INDUCTION (Maseno Campus)

Instructions: Answer ANY THREE questions

1. Analyse the relationship between reasoning by analogy and induction.
2. Systematically outline at length Mill's 'Methods of Experimental Inquiry'.
3. Evaluate the criticisms and vindications of Mill's 'Methods'.
4. Define scientific hypotheses and assess the benchmarks for their evaluation.
5. Using the example of Sherlock Holmes of Sir Arthur Conan Doyle of the 'Detective as Scientist' describe and analyse the general critical steps of scientific inquiry.
6. State and assess the centrality of probability to inductive reasoning.