



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (STATISTICS AND PROGRAMMING)

SST 303: RESEARCH METHODOLOGY

DATE: MONDAY, 2ND APRIL 2012

TIME: 8.00 A.M. – 10.00 A.M.

INSTRUCTIONS: Answer **Question One** and any **Two** other questions.

1. Write short notes on any **five** of the following:
 - (a) Deductive reasoning (6 marks)
 - (b) Objectivity (6 marks)
 - (c) Research problem (6 marks)
 - (d) A hypothesis (6 marks)
 - (e) Methodology (6 marks)
 - (f) Validity and reliability (6 marks)
2. Outline the main steps of the scientific method. (20 marks)
3. Explain why it is important to conduct a literature review before embarking on research. (20 marks)
4.
 - (a) What is a checklist? (5 marks)
 - (b) Design a checklist that may help you to find out the qualities that students at Kenyatta University may be looking for in a prospective career. (10 marks)
5. Discuss any five ethical issues that may arise from the methods that are used in conducting research. (20 marks)
