



KENYATTA UNIVERSITY

EXAMINATION FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN LIBRARY AND INFORMATION SCIENCE

ISC 900: RESEARCH METHODS

1ST SEMESTER 2021/2022

TIME: 3 HOURS

INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

1. (i) Select a topic of your interest, identify and explain dependent and independent Variables. (4 Marks)
- (ii) From (i) above, identify and justify research design that could be used for this type of study. (5 Marks)
- (iii) List three types of research paradigm and explain three characteristics of each. (10 Marks)
- (iv) Differentiate between a theory and a model. (5 Marks)
- (v) Giving an example in each case, explain two key types of hypothesis. (6 Marks)
2. a) Using a hypothetical case, write a one page statement of the problem. (10 Marks)
- b) From 2 (a) above, list five objectives that could be achieved in such a study. (5 Marks)
3. a) Discuss the components of a conceptual framework. (8 Marks)
- b) Discuss the role of theory in research. (7 Marks)
4. Discuss what would differentiate a qualitative and a quantitative research study. (15 Marks)
5. (i) Discuss three methods of identifying a research gap. (6 Marks)
- (ii) With justification, discuss the role of piloting stage in a research process. (9 Marks)

INVOLVEMENT IN ANY EXAMINATION IRREGULARITY SHALL LEAD TO DISCONTINUATION