



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2009/2010

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (EDUCATIONAL PSYCHOLOGY)

PSY/PHD/813: RESEARCH SEMINAR II

DATE: Wednesday 21st July 2010

TIME: 9.00a.m – 12.00p.m

INSTRUCTIONS:

Answer Question one plus any other two

Q1. Often in social research, we find that subjects receiving experimental intervention (treatment) are compared with subjects not receiving experimental intervention. For this type of design.

- a) Describe its major characteristics. [6marks]
- b) Describe at least two procedures/designs that may be used to determine intervention effects. [4marks]
- c) In each procedure/design discuss in (b) indicate the potential problems. [6marks]

Q2. Read the attached research article: “Relation of parental strictness to competitive and Cooperative attitudes of primary School Children”, and answer the following questions.

- a) Describe the study design and comment on the generalisability of the results. [6marks]
- b) Discuss the adequacy of data analysis procedures used in the study. [5marks]

- c) You have been asked to replicate the study. Based on your analysis, discuss what changes you will introduce in the design of the replication study. [6marks]
- Q3. Qualitative and quantitative research methods reflects different theoretical methods perspectives but can be combined successfully.
- a) Describe two qualitative data gathering techniques and two quantitative research methods using relevant examples. [8marks]
- b) Design an hypothetical research study which could use both qualitative and quantitative research methods. Describe the design of the study carefully pointing out the following:
- i) Which research methods you would use. [3marks]
- ii) How you would use them. [3marks]
- iii) Why you selected these methods for your study. [3marks]
- Q4. a) Why would you consider review of research literature very important in the preparation of a research proposal? [5marks]
- b) Name three resources from where you would get most-up-to-date information on your problem. For each one of them, describe how you can get access to this information. [6marks]
- c) What difficulties do Kenyan research students in the local universities experience with regard to access to local studies? Explain how you can get around these problems. [6marks]
- Q5. Assuming that Kenya Institute of Education (KIE) has hired you to help design a study to assess parents' reaction to the introduction of "Family Life Education Program" in all the primary schools.
- a) Describe how you select a representative sample of Kenyan parents for this study. [4marks]
- b) Identify the most appropriate data collection procedure for this study, giving reasons for your choice. [4marks]

- c) Discuss the special measures you would take ensure thig reliability and validity of the data collected. [4marks]
- d) Explain how you would control for extraneous variables for this study, Illustrate your answer with appropriate examples. [4marks]