



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2011/2012
INSTITUTIONAL BASED PROGRAMME (IBP) – DECEMBER SESSION
EXAMINATION FOR THE DEGREE OF MASTER OF EDUCATION

EFN/M/500: INTRODUCTION TO RESEARCH IN EDUCATION

DATE: Wednesday 2nd May 2012

TIME: 9.00a.m – 12.00p.m

INSTRUCTIONS: Answer Question 1 and 2 and any other one.

1. Women in Maradhi County are faced by health problems. Assume that you were asked to help them in accessing donor funds for improving their health status. Using your knowledge in research, develop a proposal that can enable them to secure funding for the project. **(24 max marks)**
2. Table 1 shows admission of male and female students into various degree programmes in Ufanisi University.

Table 1: Type of degree programme

		Male	Female
1.	Bachelor of Arts (general)	1150	2100
2.	Bachelor of Science (Analytical chemistry)	1450	130
3.	Bachelor of Education (Health Education)	120	980
4.	Bachelor of Science (Tourism)	250	1700
5.	Bachelor of Science (Energy Engineering)	950	40
6.	Bachelor of Education	2050	2200
7.	Bachelor of Arts (Gender & Development)	150	980
TOTAL		6120	8130

- a) Present the data in table 1 in:
 - i. Pie chart
 - ii. Bar graph
- b) Find the percentages of students enrolled for Bachelor of Education (Health Education), and Bachelor of Education.
- c) A mathematics lecturer gave a similar CAT to two classes of girls and boys and marked it out of 30 marks. Their performances are presented in tables 2 and 3 respectively.

Table 2: Girls' Performance in Mathematics

15	13	11	02	01	02	06	07	13	14
01	02	01	02	02	02	06	00	11	01
02	13	13	13	13	14	01	01	11	11

Table 3: Boys' Performance in Mathematics

22	21	24	22	21	20	20	20	21
23	21	23	23	25	25	22	21	20
24	20	24	25	24	23	23	22	22

- i. Present the data in tables 2 and 3 in frequency distribution tables
 - ii. Interpret the findings in tables 1, 2 and 3
 - iii. What recommendations can you give to findings in tables 1, 2 and 3? **(23 max marks)**
3. The Social Scientific Enquiry entails understanding of the social (human relations) world whereby theory, generating data, analyzing data and reporting of findings are key.
- a) Discuss the statement above demonstrating your understanding of the concepts of
 - i. Statement of the problem and objectives
 - ii. Conceptual Framework
 - iii. Theoretical Framework
 - iv. Data analysis and presentation
 - b) Distinguish between dependent and independent variables using concrete examples derived from your area of study. **(23 max marks)**
4. One of the main concerns in doing Research in health education is to examine patterns of behavior among people in different social settings.
- a) Discuss the various sources of information (data) which you would expect to access for each of the two (2) relevant types of data.
 - b) Select two (2) sources of data and explain why these types of data would be important for your research.
 - c) Discuss at least three research instruments you would use. Justify their usage in the study. **(23 max marks)**
5. a) List five (5) ethical concerns that you would consider when conducting qualitative research in health by demonstrating why each of them is important.
- b) Describe three (3) characteristics that you would consider as imperative to have for any qualitative interviewer. **(23 max marks)**