



MACHAKOS UNIVERSITY

University Examinations 2019/2020 academic year

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF EDUCATION

ESN 420: RESEARCH PROJECT IN SPECIAL NEEDS EDUCATION

DATE: 6/12/2019

TIME: 2.00-4.00 PM

INSTRUCTIONS

1. Write your answers in the answer booklet provided
2. SECTION A is compulsory
3. Answer any other TWO questions from section B

SECTION A: COMPULSORY (30 MARKS)

QUESTION ONE (30 MARKS)

- a) Define the following terms
 - i. research (2 marks)
 - ii. hypothesis (2 marks)
- b) State the relationships between research objective and research question (4 marks)
- c) Identify the two main approaches in research (2 marks)
- d) State the four sources of research problems (4 marks)
- e) Discuss the characteristics of a good research title (4 marks)
- f) Explain four sampling techniques in research (4 marks)
- g) Describe how snowball sampling is done in research (4 marks)
- h)
 - i) Explain what is plagiarism (2 marks)
 - ii) Describe how a researcher can control plagiarism (2 marks)

SECTION B

QUESTION TWO (20 MARKS)

- a) i Explain what is a research tool (4 marks)
ii Giving relevant examples, discuss four research tools. (4 marks)
- b) i Discuss advantages of an observation checklist (6 marks)
ii identify limitations of a questionnaire (6 marks)

QUESTION THREE (20 MARKS)

- a) State three measures of central tendency (3 marks)
- b) With the help of relevant examples explain how each of the measures of central tendency is calculated (17 marks)

QUESTION FOUR (20 MARKS)

- a) Explain the difference between a bar graph and a histogram (4 marks)
- b) Using the following data construct
- a bar graph
 - a histogram

Category	frequency
HT	8
GT	8
PD	9
AT	1
MD	3
LD	6
VI	5
	40

No of students is different category (16 marks)

QUESTION FIVE (20 MARKS)

- a) Discuss the advantages of an interview (10 marks)
- b) Discuss the disadvantages of a telephone interview (10 marks)