



MACHAKOS UNIVERSITY

University Examinations 2022/2023 academic year

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

DOCTOR OF PHILOSOPHY (PSYCHOLOGY)

EPS 912: EDUCATIONAL MEASUREMENTS

DATE:

TIME:

INSTRUCTIONS

Answer Question ONE and ANY other TWO Questions

QUESTION ONE (30 MARKS)

- a) Highlight five reasons why a teacher trainee needs the basic knowledge of educational measurement. (10 marks)
- b) Discuss the merits and demerits of formative assessment as component of summative evaluation. (10 marks)
- c) With reference to CBC system of education examine merits of continuous assessment tests (10 marks)

QUESTION TWO (10 MARKS)

- a) What do you understand by the term test (1 mark)
- b) With reference to your area of specialization distinguish between the functions of the following types of tests (9 marks)
 - i. Diagnostic test
 - ii. Aptitude tests
 - iii. Achievement tests

QUESTION THREE (10 MARKS)

- a) Describe five Threats to internal validity (5 marks)
- b) Expound five (5) challenges faced during administration of national exams (5 marks)

QUESTION FOUR (10 MARKS)

- a) Distinguish the between the following concepts as used in educational measurement; (6 marks)
 - i. Test and Examination
 - ii. Measurement and Evaluation
 - iii. Content and construct validity
- b) Suggest four ways continuous assessment can be used to improve learning. (4 marks)

QUESTION FIVE (10 MARKS)

Kenya Certificate of Secondary Education (K.C.S.E.) is a standardized test, it may be used to a large extent to make decisions.

Elaborate five roles played by K.C.S.E. Examination in the Kenya system of education.

(10 marks)