



GRETSA UNIVERSITY - THIKA

UNIVERSITY EXAMINATIONS JANUARY - APRIL 2021 SEMESTER

BACHELOR OF EDUCATION (ARTS)

COURSE CODE: BEPC 302

COURSE TITLE: EDUCATION TESTS AND MEASUREMENT

DATE: 10 MAY 2021

TIME: 3.00 PM - 6.00 PM

INSTRUCTIONS TO CANDIDATES

1. SECTION A IS **COMPULSORY**.
2. SECTION B: ANSWER ANY OTHER **THREE** QUESTIONS.
3. **DO NOT** WRITE ANYTHING ON THIS QUESTION PAPER AS IT WILL BE AN EXAM IRREGULARITY.
4. ALL ROUGH WORK SHOULD BE AT THE BACK OF YOUR ANSWER BOOKLET AND CROSSED OUT.

CAUTION: *All exam rooms are under CCTV surveillance during the examination period.*

SECTION A: COMPULSORY

QUESTION ONE

Students sat for Biology theory examination and the following were their results. 55, 62, 50, 63, 52, 60, 53, 43, 52, 68

- a) Compute range for the following data. **[4 Marks]**
- b) Compute mean for the following data. **[6 Marks]**
- c) Compute median for the following data. **[4 Marks]**
- d) Compute mode for the following data. **[4 Marks]**
- e) Represent the above data on a simple Bar Graph. **[10 Marks]**
- f) State three aims of statistics in education test and measurement. **[6 Marks]**
- g) Give three methods of finding test reliability. **[6 Marks]**

SECTION B: ANSWER ANY THREE QUESTIONS

QUESTION TWO

- a) “Using five practical classroom examples illustrate how norm reference test (NRT) differs from criteria reference test (CRT)”. **[10 Marks]**
- b) Evaluating a classroom test involves class-checking the items in a specified way. Explain to your lecturer on five reasons for evaluating a classroom test before its administration. **[10 Marks]**

QUESTION THREE

- a) Using practical classroom situations, describe to your classmate on five Steps involved in constructing an essay test. **[10 Marks]**
- b) Give a talk to your staff mates in the staffroom on five uses of evaluation results within your school. **[10 Marks]**

QUESTION FOUR

- a) Suggest to your supervisor on four practical ways of improving reliability of an essay tests. **[8 Marks]**
- b) What is your six positions on the purpose of Summative evaluation’s feedback to both the student and teacher? **[12 Marks]**

QUESTION FIVE

- a) Assume you have been invited to give primary school teachers hints on developing multiple-choice test items. Examine five rules they need to observe when constructing multiple-choice items. **[10 Marks]**
- b) Placement Evaluation is used to “place” a student into a course, course level, or academic program. Select six tools you would use to undertake proper placement evaluation. **[10 Marks]**

QUESTION SIX

- a) In a single sentence, defined the following terms and indicate the use of each in teaching and learning situation:
- i. Assessment
 - ii. Test
 - iii. Examination
 - iv. Achievement test
 - v. Continuous assessment. **[10 Marks]**
- b) In a single sentence, explain to your parents, six procedures for scoring essay question. **[6 Marks]**
- c) Mention to your students on two methods of scoring the objective test items. **[4 Marks]**