



## MERU UNIVERSITY COLLEGE OF SCIENCE & TECHNOLOGY

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### University Examinations 2010/2011

#### SECOND YEAR, SECOND SEMESTER EXAMINATIONS FOR DIPLOMA IN AGRICULTURAL EDUCATION AND EXTENSION

#### EDU 0181: EVALUATION AND MEASUREMENTS

**DATE: APRIL 2011**

**TIME: 1½ HOURS**

**INSTRUCTIONS:** Answer Question *one* and any other *two* questions

#### QUESTION ONE – (30 MARKS)

(a) Draw a table of specification showing the six levels of cognitive domain. (10 Marks)

(b) The following data was obtained from the Biology class of 30 students:

76	86	68	65	77	76
81	85	74	78	77	42
47	86	77	77	65	80
95	86	70	74	47	87
92	92	95	86	74	68

(i) Using the above data prepare frequency distribution table. (10 Marks)

(ii) Calculate/show

- Mean
- Median
- Mode
- Standard deviation (10 Marks)

#### QUESTION TWO – (15 MARKS)

(a) Differentiate between the norm and criterion reference approach to assessment. (10 Marks)

(b) Discuss 4 types of tests. (5 Marks)

**QUESTION THREE – (15 MARKS)**

- (a) With clear examples discuss why a teacher may prefer to use essay type of question. (10 Marks)
- (b) Discuss five characteristics of a good test. (5 Marks)

**QUESTION FOUR – (15 MARKS)**

- (a) Define the term moderation. (2 Marks)
- (b) Explain the benefits of moderation. (8 Marks)
- (c) What factors should a teacher consider in test planning? (5 Marks)

**QUESTION FIVE – (15 MARKS)**

Discuss 5 measures of central tendency and their applications to measurements. (15 Marks)