



**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 0184: EDUCATION COMMUNICATION AND TECHNOLOGY

DATE: APRIL 2011

TIME: 1½ HOURS

INSTRUCTIONS: Answer Question *one* which is Compulsory and any other *two* questions

QUESTION ONE – (30 MARKS)

- (a) Discuss 5 barriers to effective classroom communication (10 Marks)
- (b) Explain how a teacher can overcome the barriers you have discussed in 1(a). (10 Marks)
- (c) Using clear examples show the relationship between the elements of classroom communication. (10 Marks)

QUESTION TWO – (15 MARKS)

- (a) Discuss the four types of chalkboards. (10 Marks)
- (b) You intend to conduct a Biology lesson in form 2. Your topic is Living Things. Draw the chalkboard layout for this lesson. (5 Marks)

QUESTION THREE – (15 MARKS)

- (a) Explain five benefits of using models as compared to other teaching/learning resources. (10 Marks)
- (b) State five mistakes that a teacher may make when using the chalkboard. (5 Marks)

QUESTION FOUR – (15 MARKS)

- (a) Discuss how the following resources can be used in teaching. (10 Marks)
 - (i) Video
 - (ii) Projector

(iii) Television

(iv) Slide

(v) Camera

(b) What are the qualities of a good textbook?

(5 Marks)

QUESTION FIVE – (15 MARKS)

Discuss five types of display boards showing how they can be used in learning. (15 Marks)