**MOUNT KENYA UNIVERSITY**

**UNIVERSITY EXAMINATION 2017/2018**

**SCHOOL OF EDUCATION**

**DEPARTMENT OF EDUCATIONAL PSYCHOLOGY AND TECHNOLOGY**

**BACHELOR OF EDUCATION**

**UNIT CODE :BET4018**

**UNIT TITLE:EDUCATIONAL TECHNOLOGY**

**TIME:2 HOURS**

**INSTRUCTIONS:ANSWER ALL QUESTIONS.**

Question one

a)Differentiate between the following pairs of terms; ( 6marks)

1.i)Verbal and non –verbal communication

ii)Internal and external publics

iii)Diorama and mock-up

b)Highlight any four advantages of textbooks over the instructional material. ( 4marks)

c)The GOK introduced the tablet to Grade one pupils .outline the likely challenges that the teachers have been facing assuming that the infrastructure is well laid out. ( 5marks)

d)Discuss the factors that affects the degree of realism of visuals in instruction. ( 5marks)

e)Explain five benefits of digital broadcast over analogue broadcast. ( 5marks)

f)Outline any five characteristics of distance education. ( 5marks)

2.a)Discuss five limitations of live radio broadcasts. ( 10marks)

 b)Enumerate the benefits of community resources. ( 10marks)

3.a)Discuss the concentrants facing distance education. ( 6marks)

 b)Explain how you would exercise good management of the school resources centre.(10marks)

4.a)state and explain four types of software that can be used in a classroom to enhance learning.

 b)state and explain the ASSURE model in the systematic planning for the use of instructional methods.

5. a) List and explain the major benefits of first –hand experience with community resources in the learning process. ( 4marks)

 b)Describe the process you would go through in planning for and using a community event to foster learning in a named topic in one of your teaching subjects. ( 12marks)

c) Explain the major limitations in using community resources for learning. ( 4marks)