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Moi University



ELDER STREET, MOMBASA

UNIVERSITY EXAMINATION 2015/2016

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY AND TECHNOLOGY

BACHELOR OF EDUCATION

SCHOOL BASED

UNIT CODE: MET4108

UNIT TITLE: EDUCATIONAL TECHNOLOGY

DATE: APRIL 2016

MAIN EXAM

TIMES: 2 HOURS

INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

1. a) Differentiate between the following terms as applied in educational technology:
    - i) Print media and non-print media (2 Marks)
    - ii) Technology of education and technology in education (2 Marks)
    - iii) Encoding skills and decoding skills (3 Marks)
  - b) Identify five major constraints faced by students undertaking distance education. (10 Marks)
  - c) Briefly discuss the categories of communication barriers. (6 Marks)
  - d) Outline the major roles of mass communication. (3 Marks)
2. a) Giving examples describe the various types of community resources that a teacher can use in the workplace and learning process. (10 Marks)

3. b) Examine how a teacher can develop visual literacy skills among his/her learners. (10 Marks)

3. a) Explain the advantages of digital broadcast over analogue broadcast. (8 Marks)

b) Discuss either the ADDIE model or ADDIE model and explain how it is integrated in instruction. (12 Marks)

4. a) Discuss the ethical considerations, in use of mobile phones, for instruction. (10 Marks)

b) Examine the major factors in choosing educational softwares for the laptops project. (10 Marks)

5. a) Outline the limitations of the TV as an instructional media. (10 Marks)

b) Discuss the educational implications Thorndike's law of effect (1949) on human learning. (5 Marks)

c) Explain the advantages of a teacher making his own teaching aids. (5 Marks)

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Mount Kenya



UNIVERSITY

UNIVERSITY EXAMINATION 2015/2016

SCHOOL OF EDUCATION  
DEPARTMENT OF EDUCATIONAL PSYCHOLOGY AND TECHNOLOGY

BACHELOR OF EDUCATION  
SCHOOL BASED

UNIT CODE: BET2101

UNIT TITLE: FIBER TEACHING  
AND MEDIA PRACTICALS

DATE: APRIL 2016

MAIN EXAM

TIMES: 2 HOURS

INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO  
QUESTIONS

1. a) Explain the following terms as used in media practical:

- i) Degree of realism (2 Marks)
- ii) Print media (2 Marks)
- iii) Dioramas (2 Marks)
- iv) Graphic (2 Marks)

b) Discuss the advantages of using media materials in the teaching learning process. (8 Marks)

c) Describe four ways in which a teacher can acquire teaching learning materials. (8 Marks)

d) Explain factors that would guide the choice and use of instructional media. (6 Marks)

2. a) Discuss the possibilities in the use of textbooks for instructional purposes. (10 Marks)
- b) Discuss the factors hindering utilization of ICT technologies in most primary schools in Kenya. (10 Marks)
3. a) Explain how media resources are developed for instructional purposes in Kenya. (10 Marks)
- b) Discuss five benefits of using the peer approach in teaching. (10 Marks)
4. a) Describe the school as an operating system. (10 Marks)
- b) Discuss the relevance of local resource centres. (10 Marks)
5. a) Explain the role of the peer learners during a micro teaching session. (8 Marks)
- b) Describe some of the competencies expected to be demonstrated by a trainee teacher during a micro-teaching session. (12 Marks)