



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF EDUCATION

DEPARTMENT OF EARLY CHILDHOOD EDUCATION

DECEMBER SESSION EXAMINATION FOR

BACHELOR OF EDUCATION

ECT 300: EDUCATIONAL TECHNOLOGY

DATE: SCHOOLBASED

TIME:

INSTRUCTIONS: Answer Question One and Any Other Two

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Prepare four SMART objectives in your area of subject specialization. (8 marks)
- b) Examine the importance of lesson objectives to teachers. (10 marks)
- c) Explain **six (6)** the factors that dictate designing and use of media in the classroom. (12 marks)

QUESTION TWO (20 MARKS)

Explain how you will use ASSURE model to guide you to teach a topic of your choice in form three class.

QUESTION THREE (20 MARKS)

- a) Pinpoint **five (5)** limitations of using radio broadcast in teaching and learning. (10 marks)
- b) Explain **five (5)** precautions considered when selecting non print media in classroom teaching. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Using relevant examples, identify the types of reinforcements used by teachers in the classroom. (10 marks)
- b) Explain **five (5)** barriers to effective classroom communication and provide workable solutions. (10 marks)

QUESTION FIVE (20 MARKS)

Discuss the reasons which make many teachers to prefer CAL technology in instruction.



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DEPARTMENT OF EARLY CHILDHOOD EDUCATION

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

DOCTOR OF PHILOSOPHY IN EDUCATION

ECT 903 : E – LEARNING

DATE:

TIME:

INSTRUCTIONS: Answer Question One and Any Other Two

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Explain the following terms. (12 marks)
- i) E- Learning
 - ii) Distance learning
 - iii). Virtual classrooms
 - iv) Virtual Universities
- b) Discuss the nature and characteristics of E- Learning. (18 marks)

QUESTION TWO (20 MARKS)

- a) Identify the challenges of E-learning in Kenya. (10 marks)
- b) Explain five advantages of E-learning. (10 marks)

QUESTION THREE (20 MARKS)

Discuss the appropriate technology for E-Learning instruction in light of the mode and style of E- learning.

QUESTION FOUR (20 MARKS)

E-learning is the way to go in higher education in Kenya. Discuss.

QUESTION FIVE (20 MARKS)

Examine the future of E-learning in Kenya.