

1<sup>st</sup> SEM. 2019/2020



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UNIVERSITY OF ESWATINI

FINAL EXAMINATION PAPER

**PROGRAMME** : BACHELOR OF SCIENCE IN  
CONSUMER SCIENCE EDUCATION  
YEAR IV

**COURSE CODE** : CED407

**TITLE OF PAPER** : INSTRUCTIONAL MATERIALS AND  
EDUCATIONAL TECHNOLOGY

**TIME ALLOWED** : TWO (2) HOURS

**INSTRUCTIONS** : ANSWER QUESTION ONE (1)  
AND ANY OTHER (2) QUESTIONS

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN  
GRANTED BY THE CHIEF INVIGILATOR**

**QUESTION 1 (COMPULSORY)**

- a. Classify and explain the educational technologies in the classroom. **[20 Marks]**
- b. As technology is bound to rule our present and future, it is good to obtain the know-how of the technological reforms at the earliest. Educational technologies play many roles and are capable of improving educational systems. Identify and explain **five (5)** roles of educational technology. **[10 Marks]**
- c. Communication is critical for effective use of media and instructional materials and every communication has a perspective in which it is viewed. Identify and explain the **four (4)** perspectives of communication theories. **[10 Marks]**

**[Total = 40 Marks]**

**QUESTION 2**

- a. The way teachers view the role of media in classroom teaching will to a large extent determine the level and degree of its usage. Identify and explain the **four (4)** main functions of educational media. **[20 Marks]**
- b. Explain the benefits of multimedia to learners **[10 Marks]**

**[Total = 30 Marks]**

**QUESTION 3**

- a. Multimedia production faces some problems especially during production. Some of these problems negate the academic procedure in multimedia production because most productions are carried out by non-academic company for commercial purpose. Identify and explain **five (5)** constraints in multimedia production. **[15 Marks]**
- b. An understanding of the concept educational technology without a thorough grasp of a related concept like instructional technology is considered grossly inadequate. Describe the following instructional concepts. **[15 Marks]**



- i. Teaching
- ii. Learning
- iii. Instruction
- iv. Indoctrination
- v. Instructional technology

**[Total = 30 Marks]**

**QUESTION 4**

- a. Instructional technologies and distance education are greatly influenced by the models of communication used. Identify and explain **six (6)** types of communication.

**[18 Marks]**

- b. Explain the following terms as used in distance education. Outline the place of information and communication technology in each.

**[12 Marks]**

- i. Open learning
- ii. Flexible learning
- iii. e-Learning

**[Total = 30 Marks]**