

1<sup>st</sup> SEM. 2020/2021



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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 **four (4)** types of educational technologies that can be used in the classroom. **[20 Marks]**
- b. 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. Discuss the global historical development of educational technology from Stone Age to information communication age. **[20 Marks]**
- b. Using examples, explain **five (5)** advantages of incorporating various instructional technology media in the teaching and learning of consumer sciences in secondary schools. **[10 Marks]**

**[Total = 30 Marks]**

**QUESTION 3**

- a. Distinguish between 'technology in education' and 'technology of education' **[10 Marks]**
- b. Identify and explain the **five (5)** types of media for technology in education. Show clearly how each enhances learning and or teaching. **[20 Marks]**

**[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]**