

1st 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

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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]