

JANUARY 2024  
EIT 301 SW  
CLASSROOM TECHNOLOGIES  
1 HOUR 30 MINUTES

Candidate's Index Number
1E107 STJ/22/0128
Signature: <i>[Signature]</i>

UNIVERSITY OF CAPE COAST  
COLLEGE OF EDUCATION STUDIES  
SCHOOL OF EDUCATIONAL DEVELOPMENT AND OUTREACH  
INSTITUTE OF EDUCATION

FIVE-SEMESTER BACHELOR OF EDUCATION (SANDWICH) PROGRAMME  
LEVEL 400, END-OF-FIRST SEMESTER EXAMINATION, JANUARY 2024

9<sup>TH</sup> JANUARY, 2024      CLASSROOM TECHNOLOGIES      9:30 AM - 11:00 AM

SECTION B  
(40 MARKS)

Answer only TWO questions in this Section.

Please, note that if you answer more than two questions, only the first two will be marked.

1.
  - a. Technology is empowering students in four key ways namely democratization of knowledge, participatory learning, authentic learning and multimodal learning. Explain how technology is empowering the 21<sup>st</sup> century learner via multimodal learning. [12 marks]
  - b. What is instructional media? [4 marks]
  - c. State any two advantages of using models in teaching. [4 marks]
  
2.
  - a. Explain the term Educational Technology. [4 marks]
  - b.
    - i. What is an *interactive smartboard*? [2 marks]
    - ii. Explain any two features of interactive smartboards. [8 marks]
  - c. State any **three** examples of graphic and interactive materials that can be used in the teaching and learning process. [6 marks]

- 3.
- a. Discuss the duties of instructional designer in your capacity as a *Planner* and *Evaluator*. [ 8 marks]
  - b. Technology provides great opportunities for making learning more effective for everyone with different needs. One great benefit of incorporating technology into teaching is that it encourages individual learning. Explain this **assertion**. [4 marks]
  - c. By using technology in the classroom students, can develop skills essential for the 21st century. Explain. [8 marks]