

FEBRUARY 2020
EBS 109/109J
FUNDAMENTALS OF IT EDUCATION
1 HOUR 20 MINUTES

Candidate's Index Number:

Signature:

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

COLLEGES OF EDUCATION
FOUR-YEAR BACHELOR OF EDUCATION (B.ED)
FIRST YEAR, END-OF-FIRST SEMESTER EXAMINATION, FEBRUARY 2020

FEBRUARY 11, 2020

FUNDAMENTALS OF IT EDUCATION

9:40 AM – 11:00 AM

SECTION B

Answer any **THREE** questions from this section. Each question carries 20 marks

1.
 - a. With the aid of a diagram explain the Evaluation Cycle as a concept in evaluating Educational Technology.
 - b. List and briefly explain **four (4)** sources of information one can identify and evaluate the appropriateness of educational technologies.
2. Explain **five** factors one must consider in evaluating software applications in the teaching and learning process.
3. Explain **five** assessment tools for evaluating the effectiveness of Technology Integration in the learning process.
4. With examples, write short notes on the following elements of Multimedia;
 - i. Text
 - ii. Graphics
 - iii. Audio
 - iv. Animation
 - v. Video
5.
 - a. What is a computer network?
 - b. Differentiate a LAN from a WAN.
 - c. Why are computer networks used in schools.