

JULY 2023
EBS 337
ICT INTEGRATION IN EDUCATION
25 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)
THIRD YEAR, FIRST SEMESTER MID-SEMESTER QUIZ, JULY 2023

26TH JULY 2023 ICT INTEGRATION IN EDUCATION 12:00 PM – 12:25 PM

Answer ALL the questions.
(20 MARKS)

For items 1 to 10, each stem is followed by four options lettered A to D. Read each item carefully and circle the letter of the correct or best option.

1. All of the following terms can be used in place of Educational Technology **except**
 - A. instructional approach.
 - B. instructional design.
 - C. instructional systems design.
 - D. technology in the classroom.
2. All physical and electronic means an instructor uses to implement instruction and facilitate students' achievement of *instructional objectives* is called instructional
 - A. media.
 - B. methodology.
 - C. mode.
 - D. strategies.
3. All the following are benefits of technology integration in the classroom **except**
 - A. encourages collaboration.
 - B. impede understanding of concepts.
 - C. improves engagement.
 - D. improves knowledge retention.
4. Which of the following is **not** an advantage of using multimedia in the classroom? It
 - A. absorbs representations created by others.
 - B. also provides students with suitable learning styles.
 - C. empowers students to create and design.
 - D. improves reflective thinking.

5. Which of the following is **not** a barrier to integration of technology within the classroom?
- A. Lack of administration support.
 - B. Limited time for teacher planning.
 - C. Students can learn useful life skills through technology.
 - D. Technology integration is a slow process and needs time for integration.
6. Which of the following is the period of the Internet era?
- A. 1950 -1970s
 - B. 1970 -1990s
 - C. 1990 -2000s
 - D. 2000 and above
8. Which domain of knowledge should teachers **not** start with when applying the TPACK framework?
- I. Content knowledge
 - II. Pedagogical knowledge
 - III. Technological knowledge
- A. I only
 - B. II only
 - C. III only
 - D. I and II only
9. In the classroom, it is important that the teacher considers the
- I. Concepts taught
 - II. The best way to teach the subject
 - III. And the technology that will enhance the instruction.
- A. I only
 - B. II only
 - C. II and III only
 - D. I, II and III
10. All the following are factors for evaluating videos in teaching and learning **except**
- A. chunking or organization in sections.
 - B. opportunities for expansion of the topic.
 - C. opportunities for students to carry out individual thinking.
 - D. provision of meaningful examples.

Items 11 to 15 consist of three columns. Match each TERM with the appropriate DEFINITION by writing the letters of the alphabet in the appropriate box of the RESPONSE column.

S/N	RESPONSE	TERM	DEFINITION
11.		Text	<p>A. The computer is typically used as a teaching machine, that is, to teach new content to students.</p> <p>B. Programme typically provides a complete lesson on a specific topic.</p> <p>C. Digitized music, speech, or other sounds stored and produced by a computer.</p> <p>D. Characters used to create words, sentences, and paragraphs; a fundamental element in digital media.</p> <p>E. Digital representation of non-text information, such as a drawing, chart, or photograph.</p> <p>F. A series of images put together to give the effect of movement.</p>
12.		Graphic	
13.		Computer as a Tutor	
14.		Audio	
15.		Computer-based tutorial	

Items 16 to 20 are statements followed by True and False options. Read each statement carefully and indicate in the response column whether the statement is True or False.

S/N	STATEMENT	RESPONSE
16.	World Wide Web was born in 1993.	
17.	The first microcomputers enter schools using desktop systems in 1990s.	
18.	Technological Content Knowledge is knowledge of teaching methods with respect to subject matter content.	
19.	Shulman defines PCK as teachers' expertise for teaching specific subject matter.	
20.	Technological Pedagogical Knowledge is the knowledge of using technology to implement teaching methods.	