



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF BACHELOR OF EDUCATION

SECOND SEMESTER, 2021/2022

(JUNE - SEPTEMBER, 2022)

EDCI 223: EDUCATIONAL COMMUNICATION AND TECHNOLOGY I

STREAM: Y2 S2

TIME: 2 HOURS

DAY: FRIDAY, 9:00 – 11: 00 A.M.

DATE: 09/09/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE [Compulsory] and any other TWO Questions.***

1. a). Discuss barriers to effective classroom communication as per the following subheadings;
 - (i) Teacher based barriers (5 marks)
 - (ii) Student based barriers (5 marks)
 - (iii) Media based barriers (5 marks)
 - (iv) Environment based barriers (5 marks)b). Enumerate and discuss five elements of communication (10 marks)
2. a). Explain the differences between synchronous and asynchronous technologies (8marks)
- b). How important do you think the richness of medium is when making decisions about the use of media and technology in an online course?
(12 marks)

3. a). Name five benefits of multimedia use in education setup. (5 marks)
b). Discuss five key components of multimedia. (10 marks)
4. a). Discuss the importance of psychological basis for the technologies of instruction (10 marks)
b). Basing on Jean Piaget's theory, discuss the teaching approaches that are advocated for the competence-based curriculum. (10 marks)
5. a). List five criteria most important to consider before purchasing a new audio-visual equipment for teaching and learning. (10 marks)
- b). The ASSURE model is a well-constructed procedural model designed to ensure effective use of media in instruction, DISCUSS. (10 marks)