

The
Management
University
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UNDERGRADUATE UNIVERSITY EXAMINATIONS
SCHOOL OF MANAGEMENT AND LEADERSHIP
DEGREE OF BACHELOR OF EDUCATION ARTS

ECT 201: EDUCATIONAL COMMUNICATION AND TECHNOLOGY

DATE: 12TH AUGUST 2025

DURATION: 2 HOURS

MAXIMUM MARKS: 70

INSTRUCTIONS:

1. Write your registration number on the answer booklet.
2. **DO NOT** write on this question paper.
3. This paper contains **SIX (6)** questions.
4. Question **ONE** is compulsory.
5. Answer any other **THREE** questions.
6. Question **ONE** carries **25 MARKS** and the rest carry **15 MARKS** each.
7. Write all your answers in the Examination answer booklet provided.

QUESTION ONE

Read the Case Study below carefully and answer the questions that follow:

Technology in our contemporary era is key to enhancement of human growth and prosperity. A lot more of this growth is possible only where education is accorded a place of prominence in the society. There is the need to develop systems of education per se, by developing the skills of tutors so as to use human, material and financial resources to bring about effective teaching and learning. As the world becomes more technologically attuned, it is imperative for education to integrate technology from every ramification. There is therefore the need of technology in education. *Ipsa facto*, the course on educational technology is indispensable for our times.

Technology has a significant impact on our lives. In fact, it has redefined the way we live. There is no doubt of technology playing an important role in all sphere of life. It is due to technology that all our daily difficult tasks can now be automated easily and efficiently. Thanks to the application of technology, living has changed and it has changed for better. The advent of technology in educational field has made the process of learning and knowledge sharing more interactive. The greatest impact of technology on education is the change in our outlook towards the world. The remarkable shift in thinking from local to global can be attributed to technology.

The importance of Educational technology becomes obvious to the reader after an appraisal of its goals, objectives and advantages. The overall goal of educational technology is to solve educational problems. To achieve this goal, educational technology as a discipline and practice has many objectives.

Required:

- a) "Educational technology is the considered implementation of appropriate tools, techniques, or processes that facilitate the application of senses, memory, and cognition to enhance teaching practices and improve learning outcomes." Elaborate key components of Educational technology emanating from the above definition of Education technology. (8 marks)
- b) Justify significance of communication and technology in teaching profession. (10 marks)

- MUJ/RASAJI XAM/QP/2023/
- c) Analyze pertinent consequences of technology in Education. (7 marks)

QUESTION TWO

- a) Illustrate critical personalized learning systems applied in teaching. (5 marks)
- b) Analyze Pros and Cons of Digital readers and Tablets in schools. (10 marks)

QUESTION THREE

- a) Discuss key stages in securing feedback in instructional systems design. (10 marks)
- b) Enumerate acronym of ADDIE as an instructional design model in educational technology. (5 marks)

QUESTION FOUR

- a) Describe the main features of Computer Assisted Instruction. (8 marks)
- b) Discuss the main draw backs of Computer Assisted Instruction. (7 marks)

QUESTION FIVE

- a) Explain how the following community resource centers operate. (5 marks)
- i) Bookstores
 - ii) Libraries
 - iii) Museums
 - iv) Historic sites
 - v) Nature centers

- b) Evaluate benefits of technology in the business field (10 marks)

QUESTION SIX

- a) Assess the *factors affecting the Selection and Production of Instructional Media* (7 marks)
- b) Examine challenges to the use of technology in education. (8 marks)