

# UGANDA MARTYRS UNIVERSITY



## FACULTY OF EDUCATION POST GRADUATE DIPLOMA IN EDUCATION PROGRAMME END OF SEMESTER 1 EXAMINATIONS DECEMBER 2023 PGDE 1106: EDUCATIONAL TECHNOLOGY

*Instructions: Attempt any FOUR questions.*

*3 hours*

### QUESTION 1:

One of the most compelling aspects of technology is the visual aspect. Human beings grasp the power of images to convey meaning. Of course, technology like television provides information in a variety of forms, not just images. It adds motion, sounds and text. Viewing is an active process in the sense that the viewer interacts with the medium. In addition to responding to what we see on these medias, we bring our own experiences and expectation to the viewing (Multichoice Africa/DSTV Education Bouquet, 2016).

- Citing the various forms and kinds of technology, explain the criteria that can guide in selecting an appropriate technology for classroom use.
- From the above assertion, we may envisage that education today cannot just do without technology. Elucidate the validity of this assertion.

### QUESTION 2:

- In your opinion and basing on your knowledge of educational technology, differentiate between education technology and information technology.
- As a student of PGDE and giving your personal standpoint, explain the ways and reasons for teacher use of technology in instruction.

### QUESTION 3:

- How has the integration of computer information and communication technology positively impacted on student engagement and learning outcomes in your classroom?
- Provide specific examples or a story that illustrates the effectiveness of these technologies in enhancing the educational experience.

**QUESTION 4:**

- a) In what ways can you address potential challenges/concerns associated with the use of technology in the classroom; e.g. access disparities, digital literacy gaps or the risk of distraction?
- b) Can you share strategies or best practices you can implement to ensure equitable and effective use of technology for all students?

**QUESTION 5:**

- a) How in your view is content analysis related to media analysis of media methods?
- b) Describe the strengths and weaknesses of the qualitative and quantitative media analyses.

**QUESTION 6:**

Describe the various kinds of technology available in the modern classroom and explain how and what they are doing for education.

**QUESTION 7:**

- a) Describe the origins, revolution and development of education technology over the years.
- b) In what ways can teachers today help students to be media literate?

**!!!END!!!**