

MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

EGC 4150 PGDE EDUCATION COMMUNICATION TECHNOLOGY MAIN EXAMINATION

TIME: 2 1/2 HOURS

Answer question One and any other 3 questions.

Question One: Compulsory

School systems have the hard decision of choosing devices and technology models that will help achieve their visions of transforming learning. Device decisions should be made by working with multiple stakeholders and evaluating how educators and students use the devices for day-to-day learning. What four factors would you put into consideration when preparing a multi media Kit? (4 Marks)

Stakeholders should take into account appropriate grade-level curriculum, content needs, and how the devices will be used inside and outside the classroom. It's no easy task, but considerations such as compatible digital curriculum and content, assessment requirements, manageability options, security features, device functionality, and the overall cost of ownership are key to choosing the right device. A secure and robust IT infrastructure is the foundation of a 360° learning experience, and supports digital content, protects key student data, boosts operational efficiency, and provides the security and privacy protection today's schools needs. Read the excerpt and answer the following questions.

- a) How would you plan systematically for effective media and technology use in your school? (10 Marks)
- b) Availability of technology may also become a challenge in rural areas and poorer estates; how would you address this issue? (4 Marks)
- c) What advice would you give your colleagues on the importance of embracing digital technology as they deliver the learning experience? (5 Marks)
- d) Explain how you can enhance the School Principals leadership role through use of communication technologies (5 Marks)

Question Two (12 Marks)

Examine four areas you would target in order to empower teachers to embrace education communication technology

Question Three (12 Marks)

Explain how Covid 19 has informed teaching and learning as we move into the future

Question Four (12 Marks)

How can you as a teacher harness audio and video technology to enrich your classes?

Question Five (12 Marks)

Some teachers view social media as a waste of time and non-essential for educators. Analyze the place of social media in promoting classroom learning.