

UNIVERSITY EXAMINATIONS

1ST SEMESTER 2022/2023 ACADEMIC YEAR

THIRD YEAR EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN COMMUNITY
DEVELOPMENT

CDEV 315: TECHNOLOGY AND COMMUNITY
DEVELOPMENT

STREAM: R

TIME: 2 HRS

DAY: THURS [8.30AM – 10.30AM] DATE: 08/12/2022

THIS QUESTION PAPER CONSISTS OF TWO (2) PAGES

PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.

INSTRUCTIONS: - Answer Question one (COMPULSORY) and any other two questions.

QUESTION ONE

- (a). Define the following terms in relation to technology and community development: - (6 Marks)
- (i) Techno social
 - (ii) Diffusion of technology
 - (iii) Techno science
- (b). Identify four Principles of Community Development and how they relate to technology (8 Marks)
- (c). Explain four distinctive characteristic of technology (8 Marks)
- (d). Critically evaluate the concept of time value as it relates to technology and community development (8 Marks)

QUESTION TWO

- (a) Identify the five sequential stages of diffusion of innovations (10 Marks)
- (b) Citing relevant examples describe the factors that influence awareness of information technology in community development (10 Marks)

QUESTION THREE

- (a) Using a diagrammatic illustration discuss the five technology adopter categories (12 Marks)
- (b) Describe Ways in which County Governments can encourage communities to enhance existing technologies (8 Marks)

QUESTION FOUR

- (a) Discuss emerging trends in the transfer and adoption of technology in developing countries. (10 Marks)
- (b) Using examples explain how families have been affected negatively by growth and development of information technology. (10 Marks)

QUESTION FIVE

- (a) Explain Five challenges faced by technology transfer in developing countries. (10 Marks)
- (b) Examine Ways the national government can encourage communities to make technologies more sustainable. (10 Marks)