

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
COMMUNITY DEVELOPMENT**

CDEV 315: APPROPRIATE TECHNOLOGY

STREAMS: BSC CDEV (ODEL)

TIME: 2 HOURS

DAY/DATE: THURSDAY 07/10/2021

11.30 A.M – 1.30 P.M.

INSTRUCTIONS:

- **Answer question one and any other two questions.**

QUESTION ONE

- (a) Explain the concept of appropriate technology. (6 marks)
- (b) Discuss various benefits of appropriate technology in community development. (12 marks)
- (c) State and explain five factors to consider when introducing new technology in a community. (12 marks)

QUESTION TWO

Relevant to the Kenyan context, identify opportunities for appropriate technology improvements that exists in any four sectors of your choice. (20 marks)

QUESTION THREE

- (a) State and explain seven factors that may hinder the development of a new technology even after its discovery and testing. (14 marks)
- (b) Identify six roles of community leaders in adoption of appropriate technologies in the community. (6 marks)

QUESTION FOUR

- (a) State and explain at least five characteristics of appropriate technology. (10 marks)
- (b) Expound on various challenges experienced by change agents in their efforts to introduce a new technology in the community. (10 marks)

QUESTION FIVE

Identify any five appropriate technologies that you can recommend to the local community of Chuka University and its environs. Justify your choice of the said technologies. (20 marks)
