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: FRIDAY 09/08/2019   **8.30 AM – 10.30 AM**

INSTRUCTIONS:

Answer Question One and any other Two Questions

1.   (a)   Explain the concept of appropriate technology.   [5 marks]

     (b)   Distinguish between hard and soft appropriate technologies.   [10 marks]

     (c)   State and explain at least five characteristics of appropriate technology.
                                                                          [10 marks]

     (d)   Identify factors that may hinder the development of a new technology even after
           its discovery and testing.   [10 marks]

     (e)   Explain the role of a development expert in aiding the adoption of appropriate
           technology in a community.   [5 marks]

2.   Discuss the stages in development of appropriate technology. Use relevant examples to
     justify your answer.   [20 marks]

3.   (a)   Describe five strategies you would apply in order for you to successfully
           introduce a new technology to your community.   [10 marks]

     (b)   Discuss five attributes of a technology that influence its adoption into a
           community.   [10 marks]

4.   The Ndagani community has embraced a new food storage technology. What are the
     likely potential merits and demerits of this technology?   [20 marks]

5.   Identify any two technologies that you judge appropriate and that you can recommend to
        your local community. Justify the criteria of their choice.   [20 marks]