

CHUKA



UNIVERSITY

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UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DIPLOMA IN EDUCATION (PRIMARY  
OPTION)

PCTI 0165: INTRODUCTION TO HUMAN ECOLOGY

STREAMS: DIP. EDUC

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 07/8/2019

8.30 A.M. – 10.30 A.M

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INSTRUCTIONS:

- Answer all question in section A and any other TWO in section B
- Do not write anything on the question paper

SECTION A (30 MARKS)

1. Outline two factors you would consider when planning meals for each of the following groups:
  - (i) Adolescents [2 marks]
  - (ii) Elderly people [2 marks]
2. Explain how food is preserved through the techniques;
  - (i) Removal of moisture [3 marks]
  - (ii) Cooling [3 marks]
3. Explain five ways of preventing loss of nutrients during food preparation [5 marks]
4. Briefly describe two categories of functional stitches used in garment construction. [4

marks]

**PCTI 0165**

5. Briefly discuss three methodologies of teaching home science in primary school. [6 marks]

6. Describe activities that inspire conservation of environment in a family setup. [5 marks]

**SECTION B (40 MARKS)**

7. (a) Describe observations that will be made when different types of fibres are subjected to a burning test. [12 marks]

(b) Discuss the importance of meal planning in family [8 marks]

8. (a) Examine ways in which individuals with disorders that affect their well-being impact management of family resources. [12 marks]

(b) Discuss reasons why family is considered a managerial unit. Use appropriate examples. [8 marks]

9. Discuss the effects of social, economic and technological changes on work and family dynamics. [20 marks]

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