

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF  
EDUCATION PRIMARY OPTION

**PCTI 131: INTRODUCTION TO HUMAN ECOLOGY**

**STREAMS: B.ED (PRY OPTION) SB**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 20/07/2021**

**2.30 P.M. – 4.30 P.M.**

**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. Briefly explain the five types of nutrients. (6 marks)
2. Define the term meal planning and explain six objectives of meal planning. (6 marks)
3. Differentiate between the following terms
  - (a) Slicing and shredding (2 marks)
  - (b) Grating and mincing (2 marks)
  - (c) Cooking an food preparation (2 marks)
4. Explain how you would prevent contamination and bacterial growth to occur during food preparation. (6 marks)
5. Define meaning of the term cooking and explain three methods of cooking that you could use in a family setting. (6 marks)

**SECTION B: (40 MARKS)**

6. a) Discuss the factors that affect the management of family resources in developing counties. (10 marks)

b) Discuss the influence of Covid-19 pandemic in management of family resources in Kenya. (10 marks)

7. a) Explain the sources of consumer dynamics in Kenya. (10 marks)

b) Discuss the challenges facing teaching of home science in Kenya. (10 marks)

8. Discuss in detail the factors that determine the nutritional needs and requirements of various individuals in a family. (10 marks)

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