| Candidate's Index Number: |
| Signature: |

UNIVERSITY OF CAPE COAST
COLLEGE OF EDUCATION STUDIES
SCHOOL OF EDUCATIONAL DEVELOPMENT AND OUTREACH
INSTITUTE OF EDUCATION

COLLEGES OF EDUCATION
FOUR-YEAR BACHELOR OF EDUCATION (B.ED)
FIRST YEAR, END-OF-FIRST SEMESTER EXAMINATION, MARCH, 2021

MARCH 23, 2021   FUNDAMENTALS OF HOME ECONOMICS   2:30 PM – 4:00 PM

SECTION B

Answer Any TWO questions from this Section.

1.
   a. Differentiate between tools and equipment in terms of the number of items involved and how they are operated.   (4 marks)

   b. Describe basic sewing tools with **two** specific examples.   (2 marks)

   c. Differentiate between French and Flat fell seams in relation to:
      i. the nature of the seams in **two** points, and
      ii. **two** articles each the identified seams can be worked on.   (4 marks)

   d. Discuss the importance of including animal protein in the diet.   (5 marks)

   e. Explain each of the following concepts and how they influence the achievement of meal planning goals.
      i. Philosophy
      ii. Values
      (5 marks)
      TOTAL = 20 MARKS

2.
   a. Provide the **three** reasons why cotton fibres are combined with other fibres.   (6 marks)

   b. Which is more important in human nutrition, micro or macro nutrients?   (5 marks)

   c. In not more than **two** sentences each, explain how the following factors affect meal planning:
      i. Money for food
      ii. Likes and dislikes of diners
      iii. Seasonal foods
      (6 marks)

   d. Outline **three** considerations that should determine the type of seam to select when constructing a garment.
      (3 marks)
      TOTAL = 20 MARKS

3.

a. Identify the **three** criteria for classifying seams, with an example each. **(3 marks)**

b. With **two** specific examples, explain why machine sewing tools are referred to as accessories. **(2 marks)**

c. Explain the basis for performing the following tests on fabrics.
   i. Microscopic test
   ii. Feeling test
   iii. Heating and Burning test **(6 marks)**

d. Classify nutrients according to the amount needed by the body specifying the nutrients under each class. **(5 marks)**

e. Explain why neither positive energy balance nor negative energy balance is healthy. **(4 marks)**

TOTAL = 20 MARKS