

**THE UNITED REPUBLIC OF TANZANIA
NATIONAL EXAMINATIONS COUNCIL
ADVANCED CERTIFICATE OF SECONDARY EDUCATION
EXAMINATION**

155/2

FOOD AND HUMAN NUTRITION 2

(For Both School and Private Candidates)

Time : 3 Hours

Year: 2013

Instructions

1. This paper consists of sections **A** and **B**.
2. Answer all questions in section **A** and only **two (2)** question from section **B**.
3. Non-programmable calculators may be used.
4. Communication devices and any unauthorised materials are **not** allowed in the examination room.
5. Write your **Examination Number** on every page of your answer booklet(s).

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SECTION A (40 Marks)

Answer all questions from this section

1. State four objectives of nutrition education programmes and explain three components of nutrition education.
2. Analyze six practical solutions to nutrition problems in developing countries.
3. Define the term “standard recipe” and describe seven items to be included in a standard recipe.
4. Give the importance of practicing good personal hygiene in the kitchen and state seven personal hygiene practices that food handlers should observe.
5. Explain five conditions which support the growth and multiplication of bacteria in foods.
6. Elaborate six important factors District Nutrition Programme Practitioners must consider for successful community nutrition programmes.

SECTION B (60 Marks)

Answer two questions from this section

7. Mention three foods associated with staphylococcal food poisoning, list five symptoms, and state four steps to reduce incidence of the disease.
8. Classify microorganisms based on their temperature ranges and explain what happens when they are kept below minimum or above maximum growth temperature.
9. Identify seven measures to control promotion and use of infant formulae in developing countries.
10. Categorize five main departments of a tourist hotel and show their roles in management.

