

**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: 2000**

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**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 (60 Marks)**

Answer all questions in this section

1. State five dietary assessment methods that can be used to determine the nutritional status of adults in a community.
2. Define food quality assurance systems and explain four activities involved in these systems.
3. Mention four objectives of nutrition education programmes and describe two types of information to be provided in each programme component.
4. Describe five conditions which favour growth and multiplication of bacteria in foods.
5. Identify six indicators and four control measures of marasmus in under-five children.
6. (a) Differentiate between active and passive immunization.  
(b) Explain two advantages of passive immunization.  
(c) State four benefits of vaccines.

### **SECTION B (40 Marks)**

Answer only two questions from this section

7. Discuss the immediate, underlying and basic causes of undernutrition among children under five years, using the conceptual framework of malnutrition.
8. Food handlers play a major role in food safety. Explain three ways through which food handlers may contaminate food and suggest six preventive measures against contamination.
9. “Breastfeeding is the best feeding practice for infants.” Support this statement by suggesting four alternatives working mothers can use to ensure their infants are fed with breast milk during working hours and by describing six measures to control the promotion of infant formulae.
10. Identify and explain six important factors that District Nutrition Programme Practitioners should consider to ensure success of community nutrition programmes.