

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

155/2

FOOD AND HUMAN NUTRITION 2

(For Both School and Private Candidates)

Time: 3 Hours

Friday, 10th May 2019 p.m

Instructions

1. This paper consists of sections **A** and **B**.
2. Answer **all** questions in section **A** and only **Three (3)** questions from section **B**.
3. Cellular phones and any unauthorised materials are **not** allowed in the examination room.
4. Write your **examination Number** on every page of your answer booklet(s).

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ACSEE-0518

SECTION A (40 Marks)

Answer **all** questions in this section.

1. (a) Briefly explain how diseases cause undernutrition to children
(b) Briefly explain three effects of undernutrition to the economy of a country.
2. (a) Differentiate food industry quality program from food industry quality system.
(b) Give four reasons for implementing quality assurance programs in food industries.
3. (a) State four rules to be observed in handling raw and cooked foods in order to prevent cross contamination.
(b) Outline four uses of microorganisms in food processing and preservation and to give one example of microorganism in each use.
4. (a) The candidates were required to define nutrition rehabilitation program.
(b) (i) State three objectives of nutrition rehabilitation programs.
(ii) Identify four indicators of successful nutrition rehabilitation program.
5. (a) Briefly describe two main factors which contribute to poor food hygiene.
(b) Outline four hygienic problems associated with street-vended foods.

SECTION B (60 Marks)

Answer **only three** questions from this section.

6. Analyze six common indicators which are used to assess the nutritional status of the people.
7. Describe nine health services offered in Reproductive and Child Health clinics.
8. Account for nine social-cultural and economic factors to be considered in menu planning in a catering establishment.
9. Explain nine important issues that should be included in nutrition education to ensure proper growth and reduction of all forms of undernutrition in children.
10. "The catering industry makes a valuable contribution to individuals, communities and nations"
Elaborate this statement by explaining four economic and two social contributions of catering industry to our nation.