

**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: 2012

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. Define food quality assurance systems and explain five activities involved in such systems.
2. Marasmus is a severe form of Protein–Energy Malnutrition. Identify six indicators and four control measures of the condition.
3. Describe six techniques of promotion used in catering establishments.
4. Differentiate active immunization from passive immunization and explain two advantages of passive immunization.
5. Identify two groups of menu and three types of common restaurant menus that can be used to attract customers.
6. Support the statement, “Requirements for growth of microorganisms are identical regardless of whether they are harmful or beneficial organisms,” by describing four extrinsic factors that influence growth of microorganisms in foods.

SECTION B (40 Marks)

Answer two questions from this section

7. Explain seven causes of undernutrition among expectant women and suggest two strategies to overcome micronutrient deficiencies.
8. Describe briefly eight features of successful nutrition intervention programmes.
9. Give seven reasons for controlling resources and two techniques of controlling resources in the catering industry.
10. Explain why dietary surveys may provide inaccurate information for the assessment of nutritional status in a community.