

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF MEDICINE**

**MEDICAL SCHOOL**

**BACHELOR OF MEDICINE AND BACHELOR OF SURGERY DEGREE**  
**PART 1 EXAMINATION**

**(MSM 1202) Nutrition and Primary Health Care**

DATE: MAY 2006

TIME: 3 HOURS

**Instructions to Candidates**

- 1) Answer all questions

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**PART I**

**SECTION A**

1. Describe the rationale of adopting the Reproductive Health Component. (2)
2. Discuss maternal Health as a component of Reproductive Health. (8)

**SECTION B**

3. a) Identify and describe the community based programmes which are being implemented in response to HIV/AIDS. (10)  
b) Describe the measures that are taken by the community health service in the prevention of cholera outbreaks. (10)
4. The Child Health Card is a tool for growth monitoring in under-fives. Discuss its advantages and disadvantages. (20)

**PART II**

**SECTION A**

1. Define the following quantitative assessment terms also stating their use:
  - a. Weight for Height (1)
  - b. Height for Age (1)
  - c. Weight for Age (1)
  - d. Body Mass Index (1)
2. Name with a brief explanations the six terms used in process of evaluating protein quality. (6)
3. How can a community health worker influence sound and cultural preferences for food in ways that improve the health of the community? (State 10 program elements.) (5)
4. According to demographic projections, at what population figures will the world face serious shortages of food. (5)

**SECTION B**

1. Discuss the elements necessary for a country to achieve food security for all its citizens. (10)
2. The Synergetic relationship between malnutrition and infectious diseases is well known and accepted. Discuss this statement giving examples of parasitic infections on human health, including HIV and AIDS. (20)

**END OF EXAMINATION**