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KISII TOWN CAMPUS
SCHOOL OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH
FINAL EXAMINATIONS
HCD 3313: COMMUNITY HEALTH AND NUTRITION**

SECTION A: SHORT ANSWER QUESTIONS

Answer ALL Questions in this section (30 MARKS)

1. (A) Explain the following terms as used in health and nutrition
 - i. Nutritional Assessment (2 marks)
 - ii. Dietary Reference Intakes (2 marks)
 - iii. Nutritional surveillance (2 marks)
 - iv. Nutrition cycle (2 marks)
2. State six factors affecting nutritional status of communities (3 marks)
3. Explain three major indicators of nutritional status of individuals (3 marks)
4. Explain 3 major examples of direct methods of nutritional assessment. Give one example under each major category (3 marks)
5. State three specific lab tests done during biochemical/laboratory nutritional status assessments (3 marks)
6. State three limitations of biochemical/laboratory nutritional status assessments (3 Marks)
7. List three advantages of anthropometric nutritional status assessment (3 marks)
8. Explain three major sources of data for nutritional surveillance (3 marks)
9. Explain three challenges of nutritional surveillance and information systems (3 marks)

SECTION B: LONG ESSAY QUESTIONS (40 MARKS)

Answer any TWO Questions in this section

- Q1.** (A) Explain five long-term nutritional effects that nutritional surveillance can help identify (10 marks)
- (B) With the aid of a well labeled diagram, Explain the process of nutritional surveillance and the product of each stage (10 marks)
- Q2.** (A) Discuss five factors affecting nutrition cycle (10 marks)
- (B) With the aid of a well labeled diagram, explain the synergy between nutrition and infection (10 marks)
- Q3.** (A) Explain five effects of infection on nutritional status of an individual (10 marks)
- (B) With the aid of a labeled diagram, explain the downward spiral of malnutrition and infection (10 marks)
- Q4.** (A) Discuss nutrition and cancer (10 marks)
- (B) Discuss nutrition and diabetes (10 marks)