



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

SPECIAL/SUPPLEMENTARY EXAMINATIONS
SECOND YEAR EXAMINATION FOR THE AWARD OF THE
DIPLOMA IN COMMUNITY NUTRITION AND DIETETICS
SECOND SEMESTER, 2021/2022
(JULY, 2022)

DNUD 0206: DIET THERAPY AND HEALTH

STREAM: Y2 S2

TIME: 2 HOURS

DAY: THURSDAY, 3:00 – 5:00 P.M.

DATE: 21/07/2022

INSTRUCTIONS

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE and any other THREE Questions.***

QUESTION ONE (40 MARKS)

- Differentiate between enteral and parenteral nutrition giving relevant examples (4marks)
- Describe the major phases in the management of Protein-Energy Malnutrition (4marks)
- Explain the factors to consider during diet modification. (4marks)
- Explain the modalities used in feeding the preterm babies (4marks)
- Discuss briefly the Nutrition Care Process (NCP) (4marks)
- Explain the major approaches in weight management (4marks)
- Explain briefly on the pre-operative and post-operative nutrition care (4marks)
- Briefly explain the causes of peptic ulcer disease (4marks)
- Giving relevant examples explain the effect of drugs on nutrition. (4marks)
- Elaborate on the major aspects of dietary modifications in therapeutic care (4marks)

QUESTION TWO (10 MARKS)

- Liver injury can affect the utilization of nutrients and hence affecting the nutritional status. Discuss (6marks)
- Highlight foods that increase and lower the cancer risk. (4marks)

QUESTION THREE (10 MARKS)

X is patient who was admitted in KTRH with burns. He is 26 years with a pre-burnt weight of 50 kg. She is found to have a 3rd degree superficial burns with a TBSA of 20%.

- a) Calculate the patients; (8marks)
 - i. Protein requirements
 - ii. Energy requirements
 - iii. Fluid intake
- b) Explain the general nutrition plan for the patient (2marks)

QUESTION FOUR (10 MARKS)

Mr. Gisemba is 45 years old teacher with type 2 diabetes weighing 110kg and 165 cm in height. His blood sugar levels range between (23-31) mmol/l on average.

- a) Explain his diabetic condition (2marks)
- b) Explain the nutritional management of the condition (4marks)
- c) Explain some complications that he could be experiencing. (4marks)

QUESTION FIVE (10 MARKS)

- a) Explain the dietary management in chronic renal failure in regard to the following nutrients (10marks)
 - i. Proteins
 - ii. Energy
 - iii. Fluids
 - iv. Sodium
 - v. Potassium