



# Technical University of Mombasa

*Faculty of Applied and Health Sciences*

**DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES**

DIPLOMA IN NUTRITION HEALTH  
(DNH 11M)

**ANH 2302 : NUTRITION AND HEALTH INTERVENTION**

**SPECIAL /SUPPLEMENTARY: EXAMINATIONS**

**SERIES: OCTOBER 2013**

**TIME: 2 HOURS**

**INSTRUCTIONS:**

You should have the following for this paper

- *Answer booklet*

This paper consists of **FIVE** questions.

Answer Question **ONE (compulsory)** and any other **TWO** questions

*This paper consists of 2 PRINTED pages*

### **Question ONE**

- a) Explain the following terms (6marks)
  - (i) Renal failure
  - (ii) Oliguria
  - (iii) Hyperkaemia
- b) Identify THREE causative factors associated with renal failure (3marks)
- c) State FOUR symptoms of heart problem (4marks)
- d) Explain the role of dietary fibre in coronary heart disease (2marks)
- e) Discuss the relationship between heart disease and obesity (4marks)
- f) Explain the problem associated with high level of sodium in heart disease (4marks)
- g) Differentiate between haemodialyses and peritoneal dialysis. (3marks)
- h) State FOUR functions of the Liver (4marks)

### **Question TWO**

Outline the diet management in renal disease (15marks)

### **Question THREE**

- a) Highlight the functions of the Kidney (5marks)
- b) Discuss the components of the diet in liver disease (10marks)

### **Question FOUR**

Design a menu for a coronary heart patient (15marks)

### **Question FIVE**

- a) Explain FOUR functions of the diet in liver disease (6marks)
- b) Discuss the role played by each essential component in the diet of a kidney patient (9marks)