

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE OF MASTERS OF
SCIENCE IN NURSING**

NUMS 842: ENDOCRINOLOGY NURSING

STREAMS: Y2S1

TIME: 3 HOURS

DAY/DATE: THURSDAY 13/04/2023

2.30 P.M. –5.30 P.M.

INSTRUCTIONS:

1. Do not write anything on the question paper.
2. Mobile phones and any other reference materials are NOT allowed in the examination room.
3. ALL questions are compulsory.
4. Number ALL your answers and indicate the order of appearance in the space provided in the cover page of the examination answer booklet.
5. Write your answers legibly and use your time wisely

Question 1 (25 marks)

Addison`s disease occurs when adrenal cortex function is inadequate to meet the patient`s need for adrenocortical hormones.

- i) Explain five (5) causes of Adrenocortical Insufficiency (10 marks)
- ii) State five (5) clinical manifestation of addison`s disease (5 marks)
- iii) Explain four (4) possible causes of Cushing`s syndrome. (10 marks)

Question 2 (25 marks)

Mr X, 54years, old is admitted to a hospital with complaints of excessive thirst, frequent micturition and general body weakness. He is newly diagnosed with Type 2 Diabetes Mellitus.

- (i) State five (5) risk factors for development of Type 2 diabetes mellitus (5 marks)
- (ii) Explain the nursing care of Mr Mwangi till discharge (15 marks)

iii) State five (5) possible complications of diabetes mellitus (5 marks)

Question 3 (25 marks)

i) Explain five (5) factors that can precipitate thyroid storm in a patient with hyperthyroidism. (10 marks)

ii) State five (5) possible complications of thyroidectomy (5 marks)

iii) Explain the nursing management of a patient following thyroidectomy (10 marks)

Question 4 (25 marks)

i) Explain the negative feedback mechanism in hormonal regulation giving an example of thyroid hormones (10 marks)

ii) Describe the diagnostic evaluation of endocrine disorders (15 marks)
