

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR MASTER OF SCIENCE IN NURSING

NUMS 842: ENDOCRINOLOGY NURSING

STREAMS: Y2S1

TIME: 3 HOURS

DAY/DATE :

Instructions

Answer all the questions

Question one (25 marks)

A 65-year old man with type 2 diabetes mellitus (T2DM) is being prepared for below knee amputation due to gangrene:

- a) Discuss the preoperative management of the above patient giving rationales (10 marks)
- b) Explain the potential cause of gangrene in the above patient (7 marks)
- c) Discuss the discharge planning for the above patient (8 marks)

Question two (25 marks)

A 50-year old woman is admitted in the medical ward with a diagnosis of hypothyroidism. Her present complaints include worsening fatigue and hair loss. She has gained 8.4 kg since her last clinic visit 4 months ago. She reports not sleeping well and feeling cold all the time. Current vital signs show heart rate of 105 beats/min and blood pressure of 136/72 mmHg.

- a) Explain the potential causes of her disease (8 marks)
- b) State five (5) diagnostic features of hypothyroidism (5 marks)
- c) Describe the standard inpatient nursing management of the above patient (12 marks)

Question Three (25 marks)

A 60-year old woman who was brought in a semiconscious state is being evaluated at the emergency room. A diagnosis of diabetic ketoacidosis is confirmed following standard investigations:

- a) Explain the standard criteria used to ascertain the above diagnosis (4 marks)
- b) Discuss the emergency management of the above patient giving rationales (10 marks)
- c) Outline the discharge instructions for the above patient (6 marks)

Question Four (25 marks)

Describe the causes, clinical manifestations and medical management of the following endocrine disorders:

- a) Pheochromocytoma (9 marks)
 - b) Type 1 diabetes mellitus (9 marks)
 - c) Chronic thyroiditis (7 marks)
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