

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE OF MASTER OF SCIENCE IN NURSING IN CRITICAL CARE NURSING

NUCC 846: NEPHRO-UROLOGY CRITICAL CARE NURSING

STREAMS: Y2S2

TIME: 3 HOURS

DAY/DATE : THURSDAY 15/07/2021

8.30 A.M – 11.30 A.M

Instructions

Answer all questions

QUESTION ONE

A 64-year-old man with a diagnosis of end-stage renal disease (ESRD) secondary to type II diabetes mellitus is being treated with hemodialysis:

- a) State five (5) indications of hemodialysis in the above patient. (5 Marks)
- b) Describe the physiological principals of hemodialysis (8 Marks)
- c) Discuss the priority nursing interventions for the above patient. (12 Marks)

QUESTION TWO

A 50-year-old woman is admitted in the emergency ward with acute kidney injury (AKI):

- a) Describe the standard identification and detection of AKI (10 Marks)
- b) Discuss the collaborative management of the above patient (15 Marks)

QUESTION THREE

A 75-year old man is received in the post-anesthesia care unit (PACU) following transurethral resection of the prostate:

- a) Describe the standard nursing care for the above patient in the PACU (15 Marks)
- b) Discuss the subsequent care for the above patient (10 Marks)

QUESTION FOUR

A 44-year-old man with a diagnosis of chronic kidney injury is being evaluated at the outpatient medical clinic.

- a) Explain three (3) common risk factors of chronic kidney disease (6 marks)
 - b) Describe the pathophysiology of CKD (6 marks)
 - c) Describe the collaborative management of CKD giving rationales (13 marks)
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