

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**SECOND YEAR EXAMINATION FOR MASTER OF SCIENCE IN NURSING IN  
CRITICAL CARE NURSING**

**NUCC 846: NEPHRO-UROLOGY CRITICAL CARE NURSING**

**STREAMS: Y2S2**

**TIME: 3 HOURS**

**DAY/DATE : .....**

---

**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:

- State five (5) indications of hemodialysis in the above patient (5 Marks)
- Describe the physiological principals of hemodialysis (8 Marks)
- 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):

- Describe the standard identification and detection of AKI (10 Marks)
- 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:

- Describe the standard nursing care for the above patient in the PACU (15 Marks)
- 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.

- Explain three (3) common risk factors of chronic kidney disease (6 marks)
- Describe the pathophysiology of CKD (6 marks)

c) Describe the collaborative management of CKD giving rationales (13 marks)