

**UNIVERSITY OF SWAZILAND**  
**FACULTY OF HEALTH SCIENCES**

**FINAL EXAMINATION**

**MAY 2010**

**COURSE TITLE:           ADVANCED MEDICAL/SURGICAL  
  NURSING III**

**COURSE CODE:           NUR 511**

**TIME ALLOCATED:       2 HOURS**

**MARKS ALLOCATED:     75 MARKS**

**INSTRUCTIONS**

- 1.   PLEASE READ INSTRUCTIONS CAREFULLY**
- 2.   ANSWER ALL QUESTIONS.**
- 3.   ALL QUESTIONS CARRY A TOTAL OF 25 MARKS**
- 4.   ONE MARK IS ALLOCATED FOR ONE FACT.**

## **QUESTION 1**

Head injuries are common in our Critical Care Unit.

- A. Describe the following level of consciousness often found in the unit.
- i. Delirious [3]
  - ii Obtunded [3]
  - iii Stuporous [3]
- B. Identify the possible causes for the following cerebrospinal fluid characteristics:
- i Pressure greater than 200mm [3]
  - ii Increased volume [3]
  - iii Increased proteins [4]
- C. Identify three (3) pharmacologic agents used in neurological disorders and state their actions. [6]

**TOTAL 25 MARKS**

## **QUESTION 2**

- A. Electrolytes are often disturbed in Acute Renal Failure. Identify five electrolytes and name clinical findings that may indicate the disturbances (3 for each) [15]
- B. What are the indications and contra-indications for Haemodialysis [10]

**TOTAL 25 MARKS**

### **QUESTION 3**

- A.** What are the complications often experienced in a client with arteriovenous fistula. **[5]**
- B.** How can the identified complications be managed? **[10]**
- C.** Describe the nursing management for high-risk patient for systemic inflammatory response or multiorgan dysfunction syndrome. **[10]**

**TOTAL 25 MARKS**