



**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**Plot 91, Cadastral Zone, Nnamdi Azikwe Express Way, Jabi, Abuja, FCT**

**Faculty of Health Sciences**

**Department of Nursing Sciences**

**April 2019 Examination**

**Programme: Bachelor of Nursing Science**

**Course Code: NSS403**

**Course Title: Medical Surgical Nursing III**

**Course Credit Units: 4 Units**

**Time Allowed: 2 ½ Hours**

**Total Marks: 70 Marks**

**Instruction: Answer All the Questions**

**Question 1**

- (a) Define electrolytes (2 marks)
- (b) List six (6) electrolytes found in the body. (3 marks)
- (c) Using the guidelines below, explain the following conditions: (5 marks each)
  - a. Hypervolemia      b. Hypernatremia      c. Hyperkalaemia      d. Hypercalcaemia
  - (i) Causes (2 marks)
  - (ii) Clinical manifestation (2 marks)
  - (iii) Nursing care (Nursing diagnosis and intervention) (3 marks)

**Question 2**

Mrs. Lucky, aged 40 years was admitted into the ward with diagnosis of Cushing's syndrome.

- (a) Identify the causes of Cushing's disease (2 Marks)
- (b) State the pathophysiology of this condition (2 Marks)
- (c) Enumerate the assessment that would be carried out on this patient. (3 Marks)
- (d) Differentiate between Cushing's disease and Addison disease. (5 Marks)
- (e) Identify four (4) key nursing diagnosis/outcome of and nursing intervention for this condition. (8 Marks)

**Question 3**

- (a) Define and classify cerebrovascular accident (stroke). **(3 marks)**
- (b) Enumerate the causes and risk factors of cerebrovascular accident. **(4 marks)**
- (c) How can cerebrovascular accident be diagnosed? **(3 marks)**
- (d) Using the following guidelines, discuss the management of Mr. Okonkwo, a retired Permanent Secretary with cerebrovascular accident whilst under your care.

**Guidelines:**

- i. Physical needs **(4 marks)**
- ii. Psychological needs **(3 marks)**
- iii. Rehabilitation **(3 marks)**