



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**Plot 91, Cadastral Zone, Nnamdi Azikwe Express Way, Jabi, Abuja, FCT**  
**Faculty of Health Sciences**  
**Department of Nursing Science**  
**2024\_2 EXAMINATION**

**Programme: Bachelor of Nursing Science**

**Course Code: NSC305**

**Course Title: MEDICAL-SURGICAL NURSING I**

**Course Credit Units: 4 Units**

**Time Allowed: 3 Hours**

**Total Score: 70 Marks**

**Instruction: Answer All the Questions**

**Question1**

- (a) Describe four (4) models of nursing care delivery (15 marks)
- (b) List six (6) transcellular fluid (3 marks)
- (c) State five (5) causes of hypokalemia (5 marks)
- (d) Briefly discuss the nursing management of hypokalemia (5 marks)

**Question 2**

A 66-year old man called for an ambulance from his home because of acute chest pain. When the crew arrived he was unresponsive and hypotensive.

- (a) Define unconsciousness (4 marks)
- (b) enumerate six (6) specific causes of unconsciousness (6 marks)
- (c) Discuss the pathophysiology of unconsciousness (12 marks)

**Question 3**

- (a) Define immunodeficiency disorders (2 marks)
- (b) Describe the classification of immunodeficiency (8 marks)
- (c) Briefly discuss the nursing management of patients with immunodeficiency disorder (10marks)