

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN HEALTH RECORDS AND INFORMATION MANAGEMENT, BACHELOR OF SCIENCE IN PUBLIC HEALTH AND BACHELOR OF SCIENCE IN NUTRITION AND DIETETICS

NURS 112B: MEDICAL PHYSIOLOGY

STREAMS: HRIM, PUHE Y1S1

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 16/12/2020

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Attempt ALL questions in SECTION ONE and TWO questions in SECTION TWO where question ONE is mandatory.**

SECTION ONE: (40 MARKS) ATTEMPT ALL QUESTIONS

1. i. Define physiology. (2 marks)
- ii. Outline the chemical level of Structural and Functional Organization. (3 Marks)
2. State the two functional organization of the human body. (5 Marks)
3. Explain the process of cell replication. (5 Marks)
4. State how cells react to injury. (5 Marks)
5. Describe homeostasis. (5 Marks)
6. Explain the information process flow in the body. (5 Marks)
7. Describe the Characteristics of Living Organisms. (5 Marks)
8. List the major body systems. (5 Marks)

SECTION B: (30 MARKS) ANSWER QUESTION 1 and ANY OTHER 1 QUESTION.

1. As a Health Care Provider, discuss the application of physiology in your practice. (15 Marks)
 2. Describe the physiology of the urinary system. (15 Marks)
 3. Describe the physiology of the lymphatic system. (15 Marks)
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