

CHUKA UNIVERSITY

UNIVERSITY EXAMINATIONS 2019/2020

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

NURS 112: MEDICAL PHYSIOLOGY

DATE: DECEMBER 2019

TIME: 2 HOURS

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. Define the following terms: -
 - i. Define physiology (3 Marks)
 - ii. Define medicine (2 Marks)
2. Describe the concepts of normal physiology (5 Marks)
3. Outline the functional organization of the human body (5 Marks)
4. Explain the process of cell replication (5 Marks)
5. State how cells react to injury (5 Marks)
6. Describe homeostasis (5 Marks)
7. State the information process flow in the body (5 Marks)
8. Explain the Characteristics of Living Organisms (5 Marks)

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

1. As a Health Information Officer, discuss the application of physiology in your practice ((15 Marks)
2. Describe the physiology of the genital urinary system (15 Marks)

3. Outline the physiology of the lymphatic system (15 Marks)