

"Investing in Africa's future"

COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES DEPARTMENT OF PUBLIC HEALTH AND NURSING

NSNS 322: BIOSCIENCES

END OF FIRST SEMESTER FINAL EXAMINATIONS

JANUARY/JUNE 2024

LECTURER: Dr S Chituku

DURATION: 3 HRS

INSTRUCTIONS

Answer any four questions from

All questions carry equal marks (25).

DO NOT repeat material.

Write legibly.

Question 1

a) Describe the thirst mechanism

[10 marks]

b) Outline the movement of fluid within compartments

[15 marks]

Question 2

Describe causes, clinical manifestations and management of oedema [25]

Question 3

With respect to electrolytes, write notes on:

i. Calcium

[10]

ii. Sodium

[15]

Question 4

i. Describe the pathophysiology of bronchitis [10]

ii. Outline the nursing management of a patient suffering from bronchitis. [15]

Question 5

Outline the causes, symptoms and management of down syndrome. [25]