

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**SECOND YEAR EXAMINATION FOR MASTER OF SCIENCE IN MEDICAL
SURGICAL NURSING**

NUMS 843: CARDIOVASCULAR AND THORACIC NURSING

STREAMS: Y2S2

TIME: 3 HOURS

DAY/DATE :

Instructions

Answer all the questions

Question One

Hypertension is a global health problem affecting approximately one billion people worldwide:

- a) Describe the standard evaluation for the patient with hypertension giving rationales (10 Marks)
- b) Describe three (3) common causes of secondary hypertension (6 Marks)
- c) Explain the appropriate lifestyle modification changes that are known to lower the blood pressure (9 Marks)

Question Two

Describe the etiology, clinical presentation and collaborative management of the following cardiovascular conditions:

- a) Acute pericarditis (8 Marks)
- b) Dilated cardiomyopathy (8 Marks)
- c) Rheumatic endocarditis (9 Marks)

Question Three

Discuss the management of upper airway obstruction under the following subheadings:

- a) Five (5) common etiologies of upper airway obstruction in adults (5 marks)
- b) Characteristic signs and symptoms of upper airway obstruction (5 marks)
- c) Emergency management of the patient with upper airway obstruction (15 marks)

Question Four

Describe the standard nursing interventions for the patients undergoing treatment using the following respiratory care modalities:

- a) Oxygen therapy (8 Marks)
- b) Endotracheal tube (8 Marks)
- c) Under-water seal drainage (9 Marks)