

**CHUKA**



**UNIVERSITY**

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**UNIVERSITY EXAMINATIONS**

**SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR  
OF SCIENCE IN NURSING**

**NURU 262: MEDICAL SURGICAL II**

**STREAMS: Y2S1**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 06/08/2019**

**11.30 A.M. – 1.30 P.M.**

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**INSTRUCTIONS:**

- **Do not write anything on the question paper.**
- **Mobile phones and any other reference materials are NOT allowed in the examination room.**
- **The paper has three sections. Answer ALL the questions.**
- **All your answers for Section I (MCQs) should be on one page**
- **Number ALL your answers and indicate the order of appearance in the space provided in the cover page of the examination answer booklet.**
- **Write your answers legibly and use your time wisely**

**A. MULTIPLE CHOICE QUESTIONS (10 MARKS)**

1. A hospitalized patient with angina tells the nurse that she is having chest pain. The nurse bases her actions on the knowledge that angina pain.
  - (a) Will be relieved by rest, nitroglycerine, or both
  - (b) Is less severe than pain of a myocardial infarction
  - (c) Indicates that irreversible cellular damage is occurring
  - (d) Is frequently associated with vomiting and extreme fatigue
2. The nurse suspects the presence of a deep vein thrombosis based on the findings of
  - (a) Paresthesia and coolness of the leg
  - (b) Pain in the calf that occurs with exercise
  - (c) Generalized edema of the involved extremity
  - (d) Pallor and cyanosis of the involved extremity

3. Significant risk factors for peripheral arterial diseases include
  - (a) A sedentary lifestyle, stress, obesity
  - (b) Advanced age, female gender, familial tendency
  - (c) Cigarette smoking, Hyperlipidemia, hypertension
  - (d) Protein S deficiency, protein C deficiency, factor V Leiden mutation
  
4. Conditions that may mimic acute coronary syndrome (ACS) include the following except
  - (a) Musculoskeletal chest pain
  - (b) Pericarditis
  - (c) Liver cirrhosis
  - (d) CNS disease
  - (e) Cholecystitis
  
5. The most common cause of myocarditis is
  - (a) Virus
  - (b) Radiation
  - (c) Endocarditis
  - (d) Myocardial infarction
  
6. Which of the following is a Loop diuretic
  - (a) Ethacrynic acid
  - (b) Hydrochlorothiazide
  - (c) Indapamide
  - (d) Metolazone
  
7. Which of the following is a selective Beta-blockers
  - (a) atenolol
  - (b) pindolol
  - (c) carvedilol
  - (d) propranolol
  
8. Which of the following is Cardio-selective
  - (a) atenolol
  - (b) pindolol
  - (c) carvedilol
  - (d) propranolol
  
9. A compensatory mechanism involved in congestive heart failure that leads to inappropriate fluid retention and additional workload of the heart is
  - (a) Ventricular dilation
  - (b) Ventricular hypertrophy
  - (c) Neurohormonal response
  - (d) Sympathetic nervous system activation

10. Which statement is not correct about resistant hypertension?
- (a) BP fails to reach 140/90 mmHg in most hypertensive pts
  - (b) BP is always lower than 140/90 mmHg
  - (c) Less than 130/80 mmHg in diabetics
  - (d) It is a rare disease

**B. SHORT ANSWER QUESTIONS (40 MARKS)**

1. State seven (7) Risk Factors to Cardio vascular disease (CVD). (7 marks)
2. State six(6) risk factors for primary hypertension. (6 marks)
3. State seven (7) common causes of atrial fibrillation. (7 marks)
4. Outline the difference between arterial and venous leg ulcers. (6 marks)
5. Outline the Standards of Care to be followed during blood transfusion. (8 marks)
6. Describe six (6) Clinical Manifestations of Tricuspid Insufficiency. (6 marks)

**C. LONG ANSWER QUESTIONS (20 MARKS)**

1. Mrs. Jma a 54 year old secretary is admitted in the ward with a diagnosis of right sided heart failure
    - (a) Define heart failure (1 mark)
    - (b) State five (5) clinical manifestations of **right-sided heart failure** (5 marks)
    - (c) State five (5) nursing diagnosis for Mrs Juma (5 marks)
    - (d) State nine (9) interventions for Ms Juma (9 marks)
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