

**CHUKA**



**UNIVERSITY**

## **UNIVERSITY EXAMINATIONS**

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

**NURU 192: HEALTH ASSESSMENT**

**STREAMS: BSC (NURS) YIS2**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 10/12/2018**

**2.30 PM – 4.30 PM**

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**INSTRUCTIONS:**

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

**Multiple choice questions (20mks)**

1. When percussing the stomach which of the following sounds would most likely be heard?
  - a) Dullness
  - b) Resonance
  - c) Tympany
  - d) Flatness.
2. Absence of gag reflex could be due to problems with which cranial nerves?
  - a) 7and 8
  - b) 6 and 9
  - c) 6 and 7
  - d) 8 and 9

3. On investigation a patient has rusty sputum. Which condition is the patient most likely suffering from?
  - a) Asthma
  - b) Pulmonary edema
  - c) Lobar pneumonia
  - d) Lung cancer.
  
4. One of the following adventitious breath sounds has snoring quality produced as air passes through narrowed air passages due to secretions, swelling or tumors,
  - a) Wheeze
  - b) Crackles
  - c) Rhonchi
  - d) Stridor.
  
5. Which heart sound is heard at the end of the diastole
  - a. S3
  - b. S4
  - c. S2
  - d. S1
  
6. On auscultation, the nurse places the diaphragm of the stethoscope on the 5<sup>th</sup> left intercostal space along midclavicular line. The nurse knows this is the;
  - a. Tricuspid area
  - b. Mitral area
  - c. Pulmonic area
  - d. Aortic area
  
7. Conditions requiring complete neurological assessment include the following Except;
  - a. Irritability
  - b. Confusion
  - c. Diabetic mellitus
  - d. Headache
  
8. While assessing patient you suspect they may be experiencing duodenal ulcers. The abdominal area the patient is most likely to be experiencing pains is;
  - a. Left iliac region

- b. Umbilical region
  - c. Right hypochondriac region
  - d. Epigastric region
9. During resuscitation of a child, the nurse should open the airway with head tilt-chin lift to:
- a) Neutral position
  - b) Sniffing position
  - c) Lateral position
  - d) Semi prone position
10. Which statement is most correct about Pediatric CPR/AED?
- a) Check responsiveness only
  - b) If alone call 9-9-9 and get an AED
  - c) If pulse is absent begin CPR
  - d) If pulse is  $<70$ , begin chest compressions
11. Choose the most correct statement about cardiopulmonary resuscitation (CPR)/ automated external defibrillator (AED)
- a) Make sure the pads adhere to the skin
  - b) Remove heavy clothing from the area where the pads need to be placed
  - c) Leave only medication patches in the area
  - d) Shave all the long hair from the chest
12. Patient with cardiac arrest secondary to ventricular fibrillation has the greatest chance for survival if:
- a) CPR is initiated within 10 minutes.
  - b) defibrillation is provided within 2 minutes.
  - c) oxygen and rapid transport are provided.
  - d) paramedics arrive at the scene within 5 minutes.
13. Barrel chest is a feature of;
- a) Heart failure, kyphosis
  - b) Kyphosis, emphysema
  - c) Emphysema, osteoarthritis
  - d) Drug resistant tuberculosis, emphysema
14. On percussion, a nurse knows Dullness is a quality of
- a) Musical sound
  - b) Booming sound
  - c) Hollow sound
  - d) Thud like sound
15. Areas mostly auscultated include the following except
- a) The liver

- b) Heart
- c) Abdomen
- d) Blood vessels

16. Which of the following is not a type of Edema
- a) Lymphedema
  - b) Erythema
  - c) Nonpitting
  - d) Inflammatory

**For questions 17 and 18 indicate if the answer is true or false.**

17. AEDs can be placed on awake talking patients to monitor their rhythm.
18. Never use an AED on a patient with an implanted pacemaker.
19. Glasgow coma scale is mainly used to assess patient's: -
- a) Hematological status
  - b) Peripheral venous resistance
  - c) Level of gases in blood
  - d) Level of consciousness
20. During History taking a nurse observes clubbed finger nails in a patient with history of respiratory disorder. This is indicative of: -
- a) Acute asthmatic attack
  - b) Chronic pulmonary disorder
  - c) Upper respiratory tract infection
  - d) Pneumonia

**Short Answer questions (30marks)**

1. With examples describe five types of sounds that may be elicited on percussion. (5 marks)
2. Describe the significance of seven (7) observations that may be noted on the nails during physical examinations. (7 marks)
3. Describe the procedure of adult's cardiopulmonary resuscitation. (8marks)
4. State the color-coding scheme used in triaging. (5 marks)
5. State five areas of the precordium you are likely to auscultate the heart sounds. [5 marks]

**Long answer questions (20marks)**

1. Asha 54 years old lady is brought to casualty following road traffic accident sustaining fracture of ribs. Describe the health assessment likely to be carried out on her. (20mks)
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