



(University of Choice)

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

(MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

MAIN EXAMINATION

FOR THE DEGREE

OF

BACHELOR OF SCIENCE IN OCCUPATIONAL HEALTH & SAFETY

COURSE CODE: NCO 222

COURSE TITLE: HEALTH ASSESSMENT

DATE: 19TH APRIL 2022

TIME: 11.30- 2.30 PM

INSTRUCTIONS TO CANDIDATES

Answer all questions

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

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PART 1: MULTIPLE CHOICE QUESTIONS

(20 MARKS)

1. A judgment made by a health care provider on the basis of education and experiences is known as:
 - a) Cue
 - b) An inference
 - c) Subjective data
 - d) An assessment
2. Which of the following is a normal finding during percussion of the rib cage:-
 - a) Dullness
 - b) Tympany
 - c) Flat
 - d) Hyperresonance
3. Which of the following statements best describes bronchovesicular sounds?
 - a) Have high intensity and moderate pitched sounds.
 - b) Auscultated between the scapulae and lateral to the sternum at the 1st and 5TH ICS
 - c) Has equal inspiratory and expiratory phases
 - d) Have a short inspiratory phase and long expiratory phase
4. Prone position is adopted during assessment of the following:
 - a) Vagina
 - b) Anterior thorax
 - c) Posterior thorax
 - d) Rectum
5. An example of focused examination include:-
 - a) General body examination
 - b) Obstetrical Examination
 - c) Eye Examination
 - d) Mental examination
6. Bronchial sounds are heard over:
 - a) Trachea
 - b) Peripheral lung fields
 - c) Rib cage
 - d) Between the scapulae and Intercostal space.
7. Which of the following best explains the importance of arterial blood gas analysis during respiratory assessment:-
 - a) Helps evaluate clinical needs of a patient
 - b) Helps evaluate effective response of health care personnel in emergency care
 - c) Allows assessment of acid-base status of the body
 - d) It complements the assessment of other vital signs
8. A 24 year old lady with bronchopneumonia is admitted to your unit. The order in which you would conduct the physical assessment is:-
 - a) Inspection,palpation,auscultation,percussion
 - b) Inspection,palpation,percussion,ascultation

- c) Auscultation,inspection,percussion palpation
 - d) Palpation,percussion,inspection,auscultation
9. Adventitious breath sounds commonly heard in asthmatic clients is called:-
- a) Stridor
 - b) Crepitations
 - c) Crackles
 - d) Rhonchi
10. An enlarged lymph node is more likely to be attributable to infection if it is
- a) Hard and discrete
 - b) Non tender
 - c) Tender and part of a group of enlarged nodes
 - d) Asymmetrical
11. When describing findings on the retina, what should the examiner use for a landmark?
- a) Macula
 - b) Arterio-venous crossings
 - c) Optic disc
 - d) Pupil
12. One of the questions a practitioner can ask to assess a client's perception and knowledge about a healthy diet is
- a) How much vegetables, fruits, and fiber do you include in your diet?
 - b) Describe what you believe to be a healthy diet?
 - c) Tell how much of your diet comes from fat?
 - d) What are your favorite foods
13. To assess Barasa's cranial nerve number eleven, the nurse asks him to:
- a) Shrug the shoulders while you resist with your hands
 - b) Blow out his cheeks
 - c) Raise eyebrows, show teeth, grimace.
 - d) Ask patient to protrude tongue and move it side to side.
14. Which of the following statements best describes bronchovesicular sounds?
- a) Have high intensity and moderate pitched sounds.
 - b) Auscultated between the scapulae and lateral to the sternum at the 1st and 5TH ICS
 - c) Has equal inspiratory and expiratory phases
 - d) Have a short inspiratory phase and long expiratory phase
15. On auscultation, a patient with pneumonia will present with:-
- a) Fine Crackles
 - b) Sibilant wheeze
 - c) Coarse crackles
 - d) Stridor
16. Graphesthesia,
- a) Refers to number identification
 - b) Refers to the ability to recognize the shape, size, and relative weight of the objects
 - c) Is the same as point localization
 - d) Is a specific sensory interpretation in the frontal lobe?

17. A patient described as having decerebrate posturing during motor function assessment is one who has
- a) Abnormal flexion of the upper extremities with plantar flexion
 - b) Normal flexion of upper extremities with dorsiflexion
 - c) Abnormal extension of the upper limbs with plantar flexion
 - d) Normal extension of upper limbs with plantar flexion
18. The test that is conducted by placing a tuning fork on a client's mastoid bone is called the:
- a) Rinne test
 - b) Weber test
 - c) Whisper test
 - d) Tophi test
19. Which of the following is a normal finding during percussion of the abdomen:-
- a) Dullness
 - b) Tympany
 - c) Flat
 - d) Crackle
20. Best motor response score during Glasgow coma scale assessment is:-
- a) Five
 - b) Six
 - c) Four
 - d) Three

PART 2: SHORT ANSWER QUESTIONS (SAQs)

(40 MARKS)

1. State the difference between objective data and Subjective data during health assessment (6 marks)
2. Briefly describe how you would assess peripheral vascular system (5 marks)
3. a) Differentiate between vesicles and Pastules. (6 Marks)
b) Define the following terms (4 marks)
 - i) Health Assessment
 - ii) Blanch test
4. State six requirements for a successful interview during history taking.
5. State any four abnormal assessment findings of the reproductive health system (8marks)
6. Describe how you would teach a mother on how to perform self-breast examination (5 marks)

PART 3: LONG ANSWER QUESTIONS

(40 MARKS)

1. Describe four (4) physical assessment techniques and their relevance during health assessment. (20 marks)

2. Kamau has been brought to the outpatient clinic with complains of getting tired easily & being weak. The health care practitioner decides to carry out a cardiovascular system assessment.
 - i) State five ways in which you will prepare this patient before carrying out physical examination (5 marks)
 - ii) Describe the procedure of taking blood pressure. (10 marks)
 - iii) State five investigations you would order in order to assist in confirming the medical diagnosis.(5 marks)