



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2018/2019 ACADEMIC YEAR
FIRST YEAR SECOND SEMESTER**

**SCHOOL OF SCIENCE AND INFORMATION
SCIENCE
BACHELOR OF SCIENCE IN NURSING (BSc. N)**

COURSE CODE: NUR 1202

COURSE TITLE: FUNDAMENTALS OF NURSING II

DATE: 26TH APRIL 2019

TIME: 0830 – 1030 HRS

INSTRUCTIONS TO CANDIDATES

Answer ALL Questions in Section A and B. Choose ANY TWO Questions from Section C.

This paper consists of 5 printed pages. Please turn over.

SECTION A: MULTIPLE CHOICE QUESTIONS (20 MARKS)

ALL QUESTIONS ARE COMPULSORY

1. "A supposition or system of ideas that is proposed to explain a given phenomenon" BEST defines which of the following?
 - A. A concept
 - B. A conceptual framework
 - C. A theory
 - D. A paradigm

2. The patient position adopted during gynaecological and rectal procedures is:
 - A. Lithotomy
 - B. Dorsal recumbent
 - C. Supine
 - D. Prone

3. Which of the following theorists addresses hospice nursing issues during end-of-life care?
 - A. Imogene King
 - B. Callista Roy
 - C. Dorothea Orem
 - D. Jean Watson

4. A nurse is planning a seminar on the nine abdominal regions. Which of the following information is INCORRECT?
 - A. The epigastric region includes the aorta, the pyloric end of the stomach, part of the duodenum, and the pancreas.
 - B. The umbilical region includes the omentum, the mesentery, the lower part of the duodenum, and part of the jejunum and ileum.
 - C. The right lumbar region includes the ascending colon, the lower half of the right kidney, and part of the duodenum and jejunum.
 - D. The left lumbar region includes the stomach, the spleen, the tail of pancreas, the upper half of the left kidney, and the suprarenal gland.

5. What is an example of an open-ended question that the nurse may use in the interview process?
 - A. "What medication are you taking today?"
 - B. "What surgeries have you had in the past?"
 - C. "Are you a student at the local college?"
 - D. "How have you been feeling lately?"

6. Which one of the following statements is NOT TRUE about insertion of a nasogastric tube?
 - A. If a plastic tube is being used, place it in warm water until it stiffens.
 - B. Lubricate the tip of the tube well with water-soluble lubricant or water to ease insertion.
 - C. During insertion through the selected nostril, ask the client to hyperextend the neck, and gently advance the tube toward the nasopharynx.
 - D. Aspirate the stomach contents to ascertain correct placement.

7. The reference Dorothea Orem said that; "The practice of activities that individuals initiates and performs on their own behalf in maintaining life and well-being is
 - A. Self-care agency
 - B. Self-care
 - C. Therapeutic self-care demand
 - D. Nursing systems
8. The following is a statement by a patient with AIDS. "I am no longer afraid of dying. I think I am actually ready to move on". This reflects his progress to which stage of death and dying?
 - A. Acceptance
 - B. Anger
 - C. Bargaining
 - D. Denial
9. When performing physical assessment on a patient, the nurse notices a raised and hypertrophied incisional scar on the chest. Which one of the following terms BEST describes it?
 - A. Petechiae
 - B. Keloid
 - C. Striae
 - D. Tumour
10. "Continuous, high-pitched, squeaky musical sound best heard on expiration and not altered by coughing" BEST describes which of the following adventitious breath sounds?
 - A. Crackles
 - B. Wheeze
 - C. Rhonchi
 - D. Friction rub
11. When administering supplemental oxygen to an adult patient, which one of the following delivery techniques is INCORRECT?
 - A. 4 L/Min per nasal cannula
 - B. 7 L/Min per simple face mask
 - C. 5 L/Min per tracheostomy tube
 - D. 13 L/Min per non-rebreather mask
12. The patient care model BEST used when there are plenty of patients but few nurses is
 - A. Functional nursing
 - B. Team nursing
 - C. Primary nursing
 - D. Total patient care
13. A nurse's patient just passed away. The nurse understands that rigor mortis is the stiffening of the body that occurs about _____ hours after death.
 - A. 2 to 4

- B. 5 to 7
 - C. 8 to 10
 - D. 11 to 13
14. The percussion sound heard over MOST of the lung is
- A. Resonance
 - B. Dullness
 - C. Tympany
 - D. Hyperresonance
15. The ratio of adult thoracic transverse diameter and anteroposterior diameter is approximately
- A. AP:T = 1:2
 - B. AP:T = 2:1
 - C. AP: T = 1:3
 - D. AP: T = 3:1
16. Scaphoid is a term that:
- (a) is given to the abdominal region just superior to the pubic bone
 - (b) describes the shape of the abdomen
 - (c) is given to abdominal region between the costal margins
 - (d) describes a proximal part of the large intestines
17. When palpating the thyroid gland, the nurse will;
- (a) Palpate with the client's head tilted slightly backward to enhance palpation
 - (b) Request the client to turn the head to the right when examining the right lobe
 - (c) Find the two lobes in the small space just below the thyroid cartilage
 - (d) Palpate only from the anterior side of the patient
18. The pulse pressure is the?
- (a) Bounding pulse felt at arterial site.
 - (b) Difference between apical pulse and peripheral pulse.
 - (c) Difference between systolic and diastolic pressure.
 - (d) Wave of contraction produced when blood is injected out of the aorta.
19. The Apex beat should be taken:
- (a) Between the sixth and seventh ribs at the left mid-axillary line.
 - (b) Between the third and fourth ribs and to the left of the sternum.
 - (c) In the fifth intercostal space along the left mid-clavicular line.
 - (d) Between the fourth and fifth ribs along the left mid-axillary line.
20. The term "stat" in drug administration means that the medication should be given:
- a) Four times a day
 - b) Only at night
 - c) Whenever necessary
 - d) Immediately and only once.

SECTION B: SHORT ANSWER QUESTIONS (40 MARKS)

ANSWER ALL QUESTIONS

1. State FOUR phases in which the client-nurse relationship evolves according to Hildegard Peplau's interpersonal relations model. (4 marks)
2. (a) Explain the etiology of pressure ulcers. (2 marks)
(b) State and explain FOUR factors that contribute to the formation of pressure ulcers. (6 Marks)
3. (a) Distinguish between team nursing and functional nursing care modalities. (2 marks)
(b) State FOUR advantages of team nursing. (4 marks)
4. State any FIVE clinical signs of impending death on a patient. [5 marks]
5. List any SIX essential parts of drug order. (3 marks)
6. State THREE types of topical applications. (3 marks)
7. State and explain any THREE factors that indicate the size and length of needle to be used when administering medications intramuscularly. [6 marks]
8. Mention any FIVE observations that can be made while examining the oral cavity of a patient. [5 marks]

SECTION C: LONG ANSWER QUESTIONS (40 MARKS)

ANSWER ANY TWO QUESTIONS

1. Madeleine Leininger, a nurse anthropologist, dealt on the aspect of transcultural nursing.
 - A. Define cultural care diversity. (2 marks)
 - B. Describe the three interventional modes according to Leininger. (12 marks)
 - C. Explain the significance of the culture care diversity and universality theory in health care practice. (6 marks)
2. A patient walks into the outpatient department with complaints of vomiting and abdominal pains.
 - (a) Describe the relevant health history that you would obtain from the patient. (8 marks)
 - (b) Following a logical sequence, describe in detail the assessment of the abdomen. (12 marks)
3. Neurological examination is a major component of nursing care.
 - (a.) Explain four major areas of mental status assessment of a patient. (8 marks)
 - (b.) Describe the Glasgow coma scale in the neurological assessment of patients. (12 marks)

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