



MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF PURE AND APPLIED HEALTH SCIENCES

DEPARTMENT OF MEDICAL LABORATORIES

ORDINARY UNIVERSITY EXAMINATION

2023/2024 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER EXAMINATION FOR BACHELOR

OF SCIENCE IN MEDICAL LABORATORY SCIENCE

HNB 135 – FUNDAMENTALS OF NURSING PRACTICE II

DURATION: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

1. Answer ALL questions.
2. Mobile phones are not allowed in the examination room.
3. You are not allowed to write on this examination question paper.

SECTION A – (20 MARKS)

- 1) Which of the following is included in Oren's theory?
 - A. Maintenance of sufficient intake of air
 - B. Self-perception
 - C. Love and belonging
 - D. Physiologic needs.
- 2) The nursing council of Kenya (NCK) is established under the nursing Act cap
 - A. 274
 - B. 247
 - C. 257
 - D. 254
- 3) When administering enema
 - A. The client should lie in the right lateral position
 - B. The enema tube should be inserted 8 inches into clients' rectum
 - C. The client should be advised to retain the enema for 30 minutes
 - D. The nurse should position the client in the left lateral position
- 4) An example of an independent nursing intervention is
 - A. Administering blood
 - B. Starting an intravenous fluid
 - C. Teaching a patient about the effects of prescribed drugs
 - D. Administering emergency drugs according to institutional protocols
- 5) Placenta is disposed in a bin coded
 - A. Black
 - B. Yellow
 - C. Red
 - D. Blue
- 6) The following is true about high level disinfectants
 - A. They actually kill some bacteria
 - B. They actually kill some viruses
 - C. They actually will kill fungi
 - D. Kill some bacteria endospores
- 7) A high flow device used in oxygen administration is;
 - A. Simple mask
 - B. Ventum mask
 - C. Non – rebreather mask
 - D. Partial rebreather mask
- 8) Human body tissues are;
 - A. Clinical waste
 - B. Pharmaceutical waste
 - C. Pathological waste
 - D. Radiation waste
- 9) After giving a urinal, a nurse notices deposit in the urine. The best action would be;
 - A. Call the doctor to review the patient
 - B. Catheterize patient to monitor urine
 - C. Tell the patient the deposit is normal
 - D. Take urine specimen for investigations
- 10) A technique that aims at preventing cross infection of communicable disease is called
 - A. Isolation

- B. Reverse isolation
 - C. Barrier nursing
 - D. Reverse nursing
- 11) Qualities of critical thinking nurse include
- A. Suspending the judgement
 - B. Pose questions and answers
 - C. Don't admit lack of knowledge
 - D. Avoid challenging situations
- 12) The following are characteristics of a theory except
- A. Logical in nature
 - B. Relatively complex
 - C. Testable hypothesis
 - D. Contribute and assists in increasing nursing body of knowledge
- 13) The emergence of professional nursing is attributed to
- A. Virginia Henderson
 - B. Jean Watson
 - C. Florence Nightingale
 - D. Faye Abdellah
- 14) Dorothea Orem (1971) is credited with
- A. The first explicit use of the term self-care in nursing
 - B. The first explicit use of nursing self-care concept model
 - C. Interdependence model
 - D. All of the above
- 15) The act of painlessly putting to death persons suffering from distressing disease is
- A. Organ donation
 - B. Inquest
 - C. Euthanasia
 - D. Advance health care directives
- 16) Which of the following statement is correct about intra dermal injections?
- A. Commonly administered on inner aspect of the forearm
 - B. Commonly place the drug between the dermis and the muscle
 - C. Given at an angle of 45 degrees
 - D. Commonly used in the administration of medicines such as insulin and heparin
- 17) The first action to do while applying a wet or dry dressing is
- A. Prepare the client
 - B. Assess the clients comfort level and medicate as needed for pain
 - C. Explain the procedure to the client
 - D. Wash hands
- 18) According to Kubler – ross's stages of dying and death, a client when pray, 'please God just let me live long enough to see my grandchild graduate'; Is at what stage of dying and death?
- A. Denial
 - B. Bargaining
 - C. Depression
 - D. Anger
- 19) An aseptic technique;
- A. Is the state of being free from disease causing contaminants
 - B. Aims to prevent cross infection to patients and staff

- C. Is the invasion and multiplication of microorganisms within tissue?
 - D. Involves practices that minimise the introduction of microorganisms to patients during patient care.
- 20) A health care practitioner has ordered cephalexin 500mg p o qid for 3/7 this means the drug will be given?
- A. Parenteral three times a week
 - B. Per oral four times a day for three days
 - C. Parenteral four times a day for three days
 - D. Per oral three times a day

SECTION B -ANSWER ALL QUESTIONS

- a) State five (5) assessments during vital signs observation. (5 marks)
- b) State five (5) indicators for oxygen administration. (5 marks)
- c) State five (5) reasons of transferring a patient from one hospital to another. (5 marks)
- d) Give five (5) indications for routine urine testing. (5 marks)
- e) Explain the documents you would make after pressure area care. (5 marks)
- f) State five (5) precautions you will take while oxygen implementation is in progress. (5 marks)
- g) Explain four (4) indications for positioning a patient in bed. (5 marks)
- h) Explain five (5) responsibilities of a nurse during drug administration. (5 marks)
- i) Outline five principles that guide use of personal protective equipment's in infection prevention. (5 marks)

SECTION C – LONG ANSWER QUESTIONS – ANSWER ALL QUESTIONS IN THIS SECTION- (40 MARKS)

- 1) Mrs K comes to the medical world accompanied by a relative
 - a) Define history taking (1 marks)
 - b) Explain how you prepare the environment for history taking (7 marks)
 - c) Describe the implementation (steps) of history taking procedure. (12 marks)
- 2) Mr. X is admitted and requires blood investigation
 - a) Define blood specimen collection (1 mark)
 - b) Outline five (5) indications for blood specimen collection. (5 marks)
 - c) Explain the assessment of a patient before collecting blood specimen. (5 marks)
 - d) Explain the following three (3) positions used to nursing patients in bed.
 - i. Knee chest position (3 marks)
 - ii. Trendelenburg position (3 marks)
 - iii. Fowler's position (3 marks)