**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**YEAR ONE (1) SEMESTER ONE (1)**

**MARCH 2015 KRCHN CLASS (PRE-SERVICE)**

**FUNDAMENTALS OF NURSING EXAMINATION**

DATE: 25/9/2015 TIME 8.30 – 11.30 PM

**INSTRUCTIONS**

1. Read the questions carefully and answer only what is asked.
2. Enter your examination number and question number on each page used.
3. ALL questions are compulsory.
4. For part 1 (MCQs), write the answer in the spaces provided on the answer booklet and each MCQ is one (1) mark.
5. For Part 2 (SHORT ANSWER QUESTIONS), answer the questions following each other.
6. For Part 3 (LONG ANSWER QUESTIONS), answer to each question MUST start on a separate page.
7. Omission of and or wrong numbering of a question or part of the question will result in 10% deduction of the marks scored from the relevant part.
8. Do NOT use a pencil.
9. Mobile phones are NOT allowed in the examination hall.

For Examiner:

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| --- | --- | --- | --- | --- |
| **MCQS** | **SAQS** | **LAQS 1** | **LAQS 2** | **TOTAL** |
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**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) FUNDAMENTALS OF NURSING– 20 MARKS**

Q.1. A professional nurse is one who:

1. Gets overwhelmed with emotions.
2. Is very selective on where to work.
3. Yarns for greater salaries.
4. Gets satisfied with her work.

Q.2. Hypertonic solutions are:

1. Those solutions with more or less electrolytes than those in the plasma.
2. Those solutions with more electrolytes than found in plasma.
3. Those solutions with less electrolytes than found in plasma.
4. Those with same electrolytes than found in plasma.

Q.3. The chapter that deals with pharmacy and poisons act in Kenya law is:

1. Cap 257.
2. Cap 244.
3. Cap 223.
4. Cap 248.

Q.4. To prevent infection; seeping, dusting, and scrubbing is necessary in most departments except:

1. ICU.
2. Labour ward.
3. Nursery.
4. Medical wards.

Q.5. After empting a bed pan, it should be dipped in a decontaminant for:

1. 5 – 20 minutes.
2. 5 – 10 minutes.
3. 10 – 20 minutes.
4. 15 – 20 minutes.

Q.6. In theories of nursing the following theorists defined nursing as an art, an helping service performed by nurses to help, to maintain or change conditions in themselves:

1. Virginia.
2. Dorothy.
3. Dorothea.
4. Florence Nigthgare.

Q.7. During high level disinfection by use of chemicals, timing is done from when?

1. From the time decontamination is done till 20 minutes are over.
2. From the time instruments are submerged until 20 minutes are over.
3. From the time it starts having a rolling boil until 20 minutes are over.
4. From the time the first instrument is dipped into solution until 20 minutes are over.

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) FUNDAMENTALS OF NURSING– 20 MARKS**

Q.8. During care of the nails, fingers are soaked in warm soapy water for:

1. 8 – 10 minutes.
2. 5 – 10 minutes.
3. 5 – 20 minutes.
4. 20 – 25 minutes.

Q.9. Most medication errors occur when the nurse:

1. Fails to follow routine procedures.
2. Is caring for many clients.
3. Is administering unfamiliar medications.
4. Is responsible for administering numerous medications.

Q.10. Indications of electric heaters in health care settings include:

1. Following patients with fever complaints.
2. Makes patients comfortable.
3. Follows a patient’s demand.
4. All of the above.

Q.11. In taking temperature, the thermometer stays for how long at the groin?

1. 120 seconds.
2. 180 seconds.
3. 90 seconds.
4. 60 seconds.

Q.12. A patient is to receive one (1) litre of normal saline in 12 hours. The drop factor is 20. The nurse regulator is to run at:

1. 25 drops per minute.
2. 28 drops per minute.
3. 20 drops per minute.
4. 30 drops per minute.

Q.13. The following activities are done during the first phase of patient history taking except:

1. Ask the patient why he/she came to the facility.
2. Identify the patient.
3. Identify self.
4. Assess the overall appearance and demeanour.

Q.14. When making an occupied bed, the nurse must assess the physiological and mental state of the patient in order to:

1. Help in planning.
2. Determine the level of awareness.
3. To determine assistance needed.
4. To ensure safety of the patient.

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) FUNDAMENTALS OF NURSING– 20 MARKS**

Q.15. After intramuscular injection, a little massage is given to the injection sire, the important reason for this is to:

1. Relief.
2. Prevent bleeding.
3. Aid in absorption of the drug.
4. Prevents the drug from leaking out.

Q.16. Holistic nursing practice recognizes the following components except:

1. Emotional well-being.
2. Spiritual well-being.
3. Seriousness of an illness.
4. Alternative interventions.

*For* ***Q.17 – Q.18.*** *write True or False.*

Q.17. (i) Opening of the eye of unconscious patient implies that the patient is aware of the

surrounding but does not necessarily imply arousal.

(ii) Speech defect can impair verbal response of a patient.

Q.18. (i) When a patient displays localizing response to source of pain in motor response, he/she

is scored 4.

(ii) Role of a nurse in denial and isolation stage of death is to cheer the patient with words

of hope.

Q.19. The last reflex to disappear from a person as death approaches is:

1. Swallowing.
2. Sucking.
3. Chewing.
4. Hearing.

Q.20. Technique that relieve pain but do not delay natural death from occurring is:

1. Passive euthanasia.
2. Active euthanasia.
3. Partial euthanasia.
4. Deliberate euthanasia.

**PART TWO: SHORT ANSWER QUESTIONS – FUNDAMENTALS OF NURSING – 40 MARKS**

Q.1. Define professionalism. 1 mark

Q.2. State four (4) functions of Nursing Council of Kenya. 4 marks

Q.3. State four (4) types of hand washing. 4 marks

Q.4. Explain how to prevent pediculosis infestations. 4 marks

Q.5. List four (4) types of bed appliances. 2 marks

Q.6. Explain briefly the procedure of collecting midstream urine from an ambulant

female patient. 5 marks

Q.7. Differentiate the following terminologies:

1. Sterilization and high level disinfection.
2. Isolation nursing and barrier nursing.
3. Active and passive euthanasia. 6 marks

Q.8. Explain the stages of dying according to Dr Elizabeth Kubler Ross. 5 marks

Q.9. Define the following terms as used in physical examination:

1. Inspection.
2. Palpation.
3. Percussion.
4. Auscultation. 4 marks

**PART THREE: LONG ANSWER (ESSAYS) QUESTIONS – FUNDAMENTALS OF NURSING – 40 MKS**

Q.1. Mrs G is admitted in the ward with a diagnosis of decubitors ulcers.

1. Define decubitors ulcers. 2 marks
2. State four (4) causes of decubitors ulcers. 4 marks
3. Explain the four (4) grades of decubitors ulcers. 8 marks
4. State six (6) preventive measures of deculbitors ulcers. 6 marks

Q.2. Mr Kamau is admitted in the surgical ward following neuro-surgery unconscious

for observation and further management.

1. State two causes of unconsciousness. 2 marks
2. By use of Glasgow coma scale, explain how neurological examination is done.6 marks
3. Describe the management of Mr Kamau while in the ward till discharge. 12 marks