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UNIVERSITY EXAMINATIONS 2024/2025

THIRD YEAR THIRD SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF SCIENCE IN NURSING

NND 3414 – TRAUMA AND EMERGENCY NURSING

DATE: JANUARY 2025

TIME: 3 HOURS

INSTRUCTIONS: *All questions are compulsory*

Ensure that all your answers are properly numbered

Part 1 Multiple Choice Questions (MCQs): Write the correct answer on the space provided in the answer booklet. Each MCQ is one mark.

Part 11: Short Answer Questions-Answer questions following each other on the answer booklet

Part 111: Long Answer Questions-Answer

SECTION A: MULTIPLE CHOICE QUESTIONS MCQ (20 MARKS)

1. Concerning triage all the following are true except?
 - a) Its sorting of two or more patients based on the severity of their conditions.
 - b) It involves establishing priorities for care based on available resources
 - c) The incident involves one patient or situation that doesn't place great demand on resources
 - d) Generally, applies when there is a mass- casualty or multi- casualty incident
2. Physical examinations in forensic nursing constitute all the following except .
 - a) Gynecological examination
 - b) Radiological examination
 - c) Tests for sexually transmitted diseases



- d) Collecting evidence using the prepackaged box
3. The following conditions are handled at resuscitation phase of disaster triage level except?
- a) Cardiac arrest
 - b) Active seizure
 - c) Rape
 - d) Major trauma
4. Which of the following is not universal color-coding system in trauma and emergency;
- a) Red
 - b) Yellow
 - c) Orange
 - d) Black
5. The specified time for Simple Triage and Rapid Treatment is?
- a) 15-20 sec
 - b) 10-15 sec
 - c) 20-25 sec
 - d) 25-30sec
6. Patients' classification in Simple Triage and Rapid Treatment includes all except?
- a) Perfusion
 - b) Skin turgor
 - c) Mental status
 - d) Respiration
7. The colour code tagging for Patients with exposure (potential or real) to contaminants is?
- a) Orange
 - b) Yellow
 - c) Black
 - d) Blue
8. Which one of the following nursing diagnoses applies to Forensic nurse death investigation?
- a) Complicated grieving
 - b) Anxiety
 - c) Risk for contamination
 - d) Disturbed body image

9. The priority nursing diagnoses for a patient with spinal cord injury is;
- Disturbed sensory perception related to motor and sensory impairment
 - Impaired physical mobility related to motor and sensory impairment
 - Ineffective breathing patterns related to weakness or paralysis of abdominal & intercostal muscles and inability to clear secretions.
 - Risk of impaired skin integrity related to immobility and sensory loss
10. The following are causes of organophosphate poisoning EXCEPT?
- Inhalation
 - Accidental poisoning
 - Ingestion
 - Dermal contact
11. Which one of the following nursing diagnoses, applies to forensic violence victim?
- Moral distress
 - Disturbed body image
 - Compromised family coping
 - Complicated grieving
12. The following are Emergency and support measures for organophosphate poisoning except?
- Maintain open airway
 - If seizures occur administer diazepam
 - Improve tissue oxygenation
 - Position patient in supine
13. Legal issues related to death includes all these except
- Time of death
 - Insurance companies for those with death insurance
 - Wills, which are based on inheritance
 - Identification and notification of next of kin
14. The following are clinical manifestations of moderate carbon monoxide poisoning (20-40%) except?
- Confusion
 - Syncope
 - Chest pain
 - Dysrhythmias

15. The following are lab test for myocardial infarction except?
- a) Troponins
 - b) Myoglobin
 - c) Glucuronyl transferase
 - d) Creatine kinase
16. The following are indications of thrombolytic medication on a patient suffering from myocardial infarction except?
- a) More than 24 hours after onset of pain
 - b) Chest pain for longer than 20minutes not relieved by nitroglycerine
 - c) ST- segment elevation in at least 2 leads that face same area of heart/adjacent leads
 - d) less than 24 hours' onset of pain
17. The following are complications of epistaxis except?
- a) Hypovolemic shock
 - b) Sepsis
 - c) Pneumonia
 - d) Sinusitis
18. Patients Self-Care teaching on epistaxis include all the following except?
- a) Once the bleeding is controlled, the nurse instructs the patient to avoid vigorous exercise for several days and to avoid hot or spicy foods
 - b) Avoiding forceful nose blowing, straining, high altitudes, and nasal trauma
 - c) A void humidification to ensure drying of the nasal passages.
 - d) How to apply direct pressure to the nose with the thumb and the index finger for 15 minutes in the case of a recurrent nosebleed.
19. The following are primary head injury include the following except?.
- a) Concussion
 - b) Brain oedema
 - c) Contusion
 - d) Lacerations
20. Computerized tomography (CT) scan is indicated in patient with head injury in all the following except?
- a) Focal neurological deficit
 - b) Post-traumatic seizure

- c) Vomiting more than one
- d) GCS of above 13 at any time or at 2hours following injury

SECTION B: SHORT ANSWER QUESTIONS (30 MARKS)

- 1. State 5 Indications for oxygen therapy (5marks)
- 2. Describe emergency nursing management of a patient with head injury (5marks)
- 3. Describe five nursing diagnoses for sexual assault victim (5marks)
- 4. Describe pre-operative responsibilities of Scrub-up nurse/sterile nurse (5marks)
- 5. State 5 indications for intubation in the emergency department (5marks)
- 6. Describe 5 Forensic Nurse Duties and responsibilities (5marks)

SECTION C: LONG ANSWER QUESTIONS (20 MARKS)

Mr x has been brought in the emergency-department-with complains of dyspnea, tachypnea, chest pain, diaphoresis and hemoptysis. A diagnoses of pulmonary embolism was made.

- a) Describe the pathophysiology of pulmonary embolism (5marks)
- b) Describe his nursing management (10marks)
- c) Describe preventive measures for pulmonary embolism (5marks).

