



**SCHOOL OF NURSING**  
**DEPARTMENT OF**  
**MEDICAL AND SURGICAL NURSING HUMAN HEALTH SCIENCES**  
**BACHELOR OF SCIENCE IN NURSING**  
**END OF JANUARY 2022 SEMESTER EXAMINATION**  
**NUP 223: MEDICAL SURGICAL NURSING 11**

**MARKS: 100**

**TIME: 3 HOURS**

**INSTRUCTIONS**

- All questions are compulsory
- Answer all the questions in the provided booklets

**SECTION A: MULTIPLE CHOICE QUESTIONS (20 marks)**

1. During surgical operations in theatre, the nurse responsible of assisting the surgeon and the scrub nurse is the
  - a. Manager
  - b. Circulation nurse
  - c. Anesthetic nurse
  - d. Traffic nurse
  
2. Infection prevention practice in the perioperative environment includes
  - a. The right instruments and equipment for surgery
  - b. The right personnel
  - c. Sterilization of instruments
  - d. Patient's consent
  
3. A patient with osteoporosis had a spontaneous hip fracture. How should the nurse document this before the x-ray results return?
  - a. Open fracture
  - b. Pathologic fracture
  - c. Oblique fracture
  - d. Greenstick fracture

4. The disorder is characterized by formation of tophus deposits in soft tissues and urate crystals in joint synovia
- Osteoarthritis
  - Gouty arthritis
  - Rheumatoid arthritis
  - Osteoporosis
5. Mr. P has had an amputation for bone tumor, to prevent oedema;
- Apply compression bandage
  - Use a drain on the amputated limb
  - Encourage him to maintain bed rest
  - Position the stump in a neutral position
6. Mst M had difficulty in breathing during reversal of anesthesia this could be due to the following **except?**
- Secretions blocking the airway
  - Throat pack
  - Fallen loose tooth or dentures
  - Excessive bleeding during surgery
7. A 24-year-old man is brought to the emergency department with a head injury, which one of the following signs and symptoms is an early indicator of altered level of consciousness
- Localizes to painful stimulus
  - Inability to state the day
  - Dilatation of pupils
  - Difficulty pronouncing words
8. The primary difference in the pathophysiology of myasthenia gravis and multiple Sclerosis, is that myasthenia gravis
- Occurs from atrophy of lower motor neurons
  - Involves destruction of acetylcholine receptors
  - Involves destruction of myelin in the CNS
  - Occurs because of hardening of the spinal cord.

9. A characteristic butterfly rash on the face is a symptom of:
- Systemic lupus erythematosus
  - Multiple sclerosis
  - Myasthenia gravis
  - Seborrheic dermatitis
10. A client has been diagnosed with Bell's palsy. The nurse assesses the client to determine if which signs/symptoms are present?
- Eye paralysis and ptosis of the eyelids
  - Chewing difficulties and one-sided facial droop
  - Fixed pupil and an elevated eyelid on one side
  - Twitching of one side of the face and ruddy cheeks
11. The nurse assesses a client's surgical incision for signs of infection. Which finding by the nurse would be interpreted as a normal finding at the surgical site?
- Red, hard skin
  - Serous drainage
  - Purulent drainage
  - Warm tender skin
12. Addison's disease is:
- Increased secretion of cortisol
  - Increased secretion of aldosterone and cortisol
  - Decreased secretion of cortisol
  - Decreased secretion of aldosterone and cortisol
13. An early symptom indicative of raised intracranial pressure is:
- Raised blood pressure
  - A change in level of consciousness
  - Reduced urinary output
  - Raised intravenous pressure
14. All of the following general symptoms might be suggestive of a stroke **except?**
- Sudden numbness
  - Sudden Trouble speaking
  - Sudden hunger
  - Sudden vision changes

15. A 20 year old lady walking towards you falls down suddenly and is experiencing a seizure. Which priority nursing action will you perform?

- a. Suction the mouth during convulsion
- b. Protect the client from injury
- c. Insert a tongue blade between the teeth
- d. Restrain the client during seizure

16. A patient presents to the emergency department complaining of headaches, neck stiffness, fever, and photophobia. This patient could be suffering from

- a. Malaria
- b. Encephalitis
- c. Multiple sclerosis
- d. Meningitis

17. Principles of management of fractures include the following except;

- a. Open reduction and internal fixation (ORIF)
- b. Reduction
- c. Immobilization
- d. Rehabilitation

18. A goal of early ambulation of post-operative patients includes all the following **except:**

- a. Prevent hypostatic pneumonia
- b. Enhance gut motility
- c. Prevent thrombophlebitis
- d. Prevent infection

19. Fracture base of skull is characterized by:

- a. Frontal headaches
- b. Swollen arms
- c. Raccoon eyes
- d. Seizures

20. A complete spinal cord injury presents with,

- a. Reduced level of consciousness
- b. Quadriplegia
- c. Hemiplegia
- d. Drainage of CSF

**SECTION B- SHORT ANSWER QUESTIONS (40 Marks)**

1. State five (5) roles of the perioperative nurse **5 marks**
2. State five (5) complications that can occur following thyroidectomy **5 marks**
3. Describe the pathophysiology of Cushing's syndrome **6 marks**
4. State (5) differences between rheumatoid and osteoarthritis **5 marks**
5. Describe the role of the nurse in caring for a patient undergoing a lumbar puncture test **3 marks**
6. Outline five (5) nursing interventions for Myasthenia gravis **5 marks**
7. State five (5) manifestations of diabetic ketoacidosis **5 marks**
8. Explain the pre-operative care for a patient scheduled for emergency surgery **6marks**

**SECTION C: LONG ANSWER QUESTIONS (LAQS): 40 marks**

Mr. K has been diagnosed with a cerebral vascular accident

- a) Explain three (3) types of cerebrovascular accident **6 marks**
- b) Using the nursing process describe the management of Mr. K from admission until discharge **14 marks**

2. Mrs Njeru a 40-year-old female presented at the outpatient clinic with a fracture of femur secondary to fall. She is noted to have compartment syndrome and admitted.

- a. State the clinical presentation of compartment syndrome **(5 Marks)**
- b. Describe three principles of fracture management **(6 Marks)**
- C. Describe the aims of nursing management of a fracture **(9 Marks)**

**END**