



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

UNIVERSITY SPECIAL/ SUPPLEMENTARY EXAMINATIONS

2021/2022 ACADEMIC YEAR

2nd YEAR TRIMESTER 3 EXAMINATIONS

FOR THE DEGREE OF

Bachelor of science in nursing

COURSE CODE: ncd 222

**COURSE TITLE: MEDICAL SURGICAL NURSING: NURSING
MANAGEMENT Of urinary, nervous, AND SKIN DISORDERS**

DATE: 04TH OCTOBER 2022

TIME: 8AM- 11AM

INSTRUCTIONS TO CANDIDATES

Answer all questions

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

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**SECTION A: MULTIPLE CHOICE QUESTIONS (20 MARKS)
ANSWER ALL QUESTIONS**



NCD 222 MEDICAL SURGICAL NURSING II

SELECT THE MOST APPROPRIATE ANSWER

1. The nurse determines that a patient with acute renal failure has prerenal oliguria when
 - A. Urine testing reveals a low specific gravity
 - B. The causative factor is malignant hypertension
 - C. Urine testing reveals a high sodium concentration
 - D. Reversal of the oliguria occurs with fluid replacement

 2. The composition of the peritoneal dialysate solution requires careful monitoring of the patient who also has
 - A. Diabetes
 - B. Liver failure
 - C. Heart failure
 - D. Chronic obstructive pulmonary disease

 3. Regular oral hygiene is an essential intervention for the client who has had a stroke. Which of the following nursing measures is inappropriate when providing oral hygiene?
 - A. Placing the client on the back with a small pillow under the head.
 - B. Keeping portable suctioning equipment at the bedside.
 - C. Opening the client's mouth with a padded tongue blade.
 - D. Cleaning the client's mouth and teeth with a toothbrush.

 4. A client is being cared for after a traumatic brain injury. During an initial assessment, the patient had a Glasgow Coma Scale score of 8. Which of the following responses is appropriate to manage the client's respiratory rate?
 - A. Prepare for intubation
 - B. Administer oxygen via non-rebreather mask
 - C. Administer oxygen via nasal cannula
 - D. Remove oxygen and assess the client's pulse oximetry

 5. Tubular damage is indicated in the patient with acute renal failure by a urinalysis finding of
 - A. Hematuria
 - B. Specific gravity fixed at 1.010
 - C. Urine sodium of 12 mEq/L
 - D. Osmolality of 100 mOsm/kg

 6. A 78-year-old client is admitted to the emergency department with numbness and weakness of the left arm and slurred speech. Which nursing intervention is a priority?
 - A. Prepare to administer recombinant tissue plasminogen activator (rt-PA).
 - B. Discuss the precipitating factors that caused the symptoms.
 - C. Schedule for A STAT computer tomography (CT) scan of the head.
 - D. Notify the speech pathologist for an emergency consultation.
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7. A patient presents with a skin infection caused by staphylococcus aureus. The patient's lower leg is infected from the deep dermis to the subcutaneous fat. What skin disorder does this describe?
- A. Psoriasis
 - B. Cellulitis
 - C. Impetigo
 - D. Erysipelas
8. Which criterion is required before a patient can be considered for continuous peritoneal dialysis?
- A. The patient must be hemodynamically stable.
 - B. The vascular access must have healed.
 - C. The patient must be in a home setting.
 - D. Hemodialysis must have failed.
9. To encourage adequate nutritional intake for a female client with Alzheimer's disease, the nurse should:
- A. Stay with the client and encourage him to eat.
 - B. Help the client fill out his menu.
 - C. Give the client privacy during meals.
 - D. Fill out the menu for the client.
10. Which of the following symptoms are most common in patients with acute pyelonephritis?
- A. Jaundice and flank pain
 - B. Costovertebral angle tenderness and chills
 - C. Burning sensation on urination
 - D. Polyuria and nocturia
11. An 18-year-old client was hit in the head with a baseball during practice. When discharging him to the care of his mother, the nurse gives which of the following instructions?
- A. "Watch him for a keyhole pupil the next 24 hours."
 - B. "Expect profuse vomiting for 24 hours after the injury."
 - C. "Wake him every hour and assess his orientation to person, time, and place."
 - D. "Notify the physician immediately if he has a headache."

12. The nurse plans to administer dexamethasone cream to a client who has dermatitis over the anterior chest. How should the nurse apply this topical agent?
- A. With a circular motion, to enhance absorption.
 - B. With an upward motion, to increase blood supply to the affected area.
 - C. In long, even, outward, and downward strokes in the direction of hair growth.
 - D. In long, even, outward, and upward strokes in the direction opposite hair growth.
13. The nurse prepares to care for a male client with acute cellulitis of the lower leg. The nurse anticipates which of the following will be prescribed for the client?
- A. Cold compress to the affected area.
 - B. Warm compress to the affected area.
 - C. Intermittent heat lamp treatments four times daily.
 - D. Alternating hot and cold compresses continuously.
14. A patient with acute renal failure has a serum potassium level of 6.8 mEq/L and the following ABG results: pH 7.28, PaCO₂ 30, PaO₂ 86, HCO₃ 18. The nurse recognizes that treatment of the acid base problem would cause a decrease in the
- A. PH
 - B. Potassium level
 - C. Bicarbonate level
 - D. Carbon dioxide level
15. The nurse is caring for a client who suffered a spinal cord injury 48 hours ago. The nurse monitors for GI complications by assessing for:
- A. A flattened abdomen.
 - B. Hematest positive nasogastric tube drainage.
 - C. Hyperactive bowel sounds.
 - D. A history of diarrhea.
16. A female client is admitted in a disoriented and restless state after sustaining a concussion during a car accident. Which nursing diagnosis takes highest priority for this client's plan of care?
- A. Disturbed sensory perception (visual)
 - B. Self-care deficit: Dressing/grooming
 - C. Impaired verbal communication
 - D. Risk for injury
17. An 18-year-old client is admitted with a closed head injury sustained in an accident. His intracranial pressure (ICP) shows an upward trend. Which intervention should the nurse perform first?

- A. Reposition the client to avoid neck flexion.
 - B. Administer 1 g Mannitol IV as ordered.
 - C. Increase the ventilator's respiratory rate to 20 breaths/minute.
 - D. Administer 100 mg of pentobarbital IV as ordered.
18. A female client sees a dermatologist for a skin problem. Later, the nurse reviews the client's chart and notes that the chief complaint was intertrigo. This term refers to which condition?
- A. Spontaneously occurring wheals.
 - B. A fungus that enters the skin's surface, causing infection.
 - C. Inflammation of a hair follicle.
 - D. Irritation of opposing skin surfaces caused by friction.
19. The nurse evaluates the patency of an AV graft by
- A. Palpating for pulses distal to the graft site
 - B. Auscultating for the presence of a bruit at the site
 - C. Evaluating the color and temperature of the extremity
 - D. Assessing for the presence of numbness and tingling distal to the site
20. A male client is having tonic-clonic seizures. What should the nurse do first?
- A. Elevate the head of the bed.
 - B. Restrain the client's arms and legs.
 - C. Place a tongue blade in the client's mouth.
 - D. Take measures to prevent injury.

SECTION B: SHORT ANSWER QUESTIONS (40 MARKS)
ANSWER ALL QUESTIONS

1. Explain any four (4) types of renal calculi (8marks)
2. Outline the management of a patient with acne vulgaris (8 marks)
3. Contrast nephritic syndrome and nephrotic syndrome (6 marks)
4. Using a well labelled diagram, describe the estimation of burns in an adult using the rule of nines (10 marks)
5. Explain any four (4) clinical manifestations of a patient with acute Guillain Barre Syndrome (8 marks)

SECTION C: LONG ANSWER QUESTIONS (40 marks)
ANSWER ALL QUESTIONS

1. Mrs. Tintin is diagnosed with Alzheimer's disease.
 - a. List eight clinical manifestations of Alzheimer's disease (4 marks)
 - b. Describe the management of Mrs. Tintin (12 marks)
 - c. State four risk factors for Alzheimer's disease (4 marks)

2. Describe any four (4) complications of hemodialysis and their specific management (20 marks)