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(University of Choice)

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

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

2ND YEAR TRIMESTER 2 EXAMINATIONS

FOR THE DEGREE OF

BACHELOR OF SCIENCE IN NURSING

COURSE CODE: NCN 221

**COURSE TITLE: MEDICAL SURGICAL NURSING: NURSING
MANAGEMENT OF URINARY, HEMATOLOGIC AND SKIN
DISORDERS**

DATE: 19TH APRIL 2022

TIME: 3PM- 6PM

INSTRUCTIONS TO CANDIDATES

ANSWER ALL QUESTIONS

TIME: 3 HOURS

MMUST observes ZERO tolerance to examination cheating

MULTIPLE CHOICE QUESTIONS (20 MARKS) The Paper Consists of Printed Pages. Please Turn Over.

1. A patient is being discharged from having a skin biopsy of a lesion on the left forearm. What would you include in the discharge instructions?

- A. Remove the dressing every 1 to 2 hours and let air dry.
 - B. If redness and yellow exudate present this is normal for 7 days.
 - C. Keep dressing in place for 8 hours and then clean daily.
 - D. Avoid antibiotic ointments usage for 72 hours.
2. 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
3. Lack of plasmin leads to disorder of:
- A. Prothrombinogenesis
 - B. Trombinogenesis
 - C. Fibrinogenesis
 - D. Retraction and fibrinolysis
4. Which of the following substance must be reduced in the diet of a diabetic patient with renal calculi and chronic renal failure?
- A. Carbohydrates
 - B. Fats
 - C. Protein
 - D. Vitamin C
5. Which of the following is the initial intervention for a male client with external bleeding?
- A. Elevation of the extremity
 - B. Pressure point control
 - C. Direct pressure
 - D. Application of a tourniquet
6. 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
7. Polycythemia hypervolemia is a result of:

- A. Erythremia
 - B. Dehydration
 - C. Anemia
 - D. Hemorrhage
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. Which of the following disorders results from a deficiency of factor VIII?
- A. Sickle cell disease
 - B. Christmas disease
 - C. Hemophilia A
 - D. Hemophilia B
10. A client with iron deficiency anemia is scheduled for discharge. Which instruction about prescribed ferrous gluconate therapy should the nurse include in the teaching plan?
- A. "Take the medication with an antacid."
 - B. "Take the medication with a glass of milk."
 - C. "Take the medication with cereal."
 - D. "Take the medication on an empty stomach."
11. 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
12. Mechanisms hemorrhage in disseminated intravascular coagulation (DIC) syndrome?
- A. Activation of platelet aggregation
 - B. Activation of plasminogen
 - C. Decreased expression of heparin-like molecule
 - D. Activation of factor five
13. The nurse determines that a patient with acute renal failure is in the recovery phase when the patient experiences

- A. A return to normal weight
 - B. A urine output of 3700 mL/day
 - C. Decreasing BUN and creatinine levels
 - D. Decreasing sodium and potassium levels
14. 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.
15. During the acute phase of a burn, the nurse in-charge should assess which of the following?
- A. Client's lifestyle
 - B. Alcohol use
 - C. Tobacco use
 - D. Circulatory status
16. 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.
17. 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.
18. During the nursing assessment of the patient with renal insufficiency, the nurse asks the patient specifically about a history of
- A. Angina
 - B. Asthma
 - C. Hypertension
 - D. Rheumatoid arthritis

19. For which of the following disorders would appropriate nursing intervention include: no intramuscular injections, no aspirin, and avoiding situations where injury might occur:
- A. Hemophilia
 - B. Deep venous thrombosis
 - C. Polycythemia vera
 - D. Multiple myeloma
20. 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

SHORT ANSWER QUESTIONS (40 MARKS)

1. State three (3) causes of post renal acute kidney failure (6 marks)
2. Explain any four (4) types of anemia (8marks)
3. Outline the management of a patient with psoriasis (8 marks)
4. Compare and contrast hemodialysis and peritoneal dialysis (10 marks)
5. Explain any four (4) clinical manifestations of a patient with acute myeloblastic leukemia (8 marks)

LONG ANSWER QUESTIONS (40 marks)

1. Mr. Tee, a 45-year-old male patient with end stage renal disease is scheduled for kidney transplant in two weeks' time. Describe the perioperative care of Mr. Tee. (20marks)
2. Mrs. Jay sustained 53% full thickness to her face, chest, and upper extremities after a stove explosion accident while she was preparing her supper.
 - a. State the classify of burns according to thickness (6 marks)
 - b. Using the nursing process, describe the management of Mrs. Jay (12 marks)
 - c. Explain two complications that Mrs. Jay can sustain (2 marks)