

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
SCIENCE IN NURSING**

NURU 364: MEDICAL SURGICAL NURSING III

STREAMS: Y3S1

TIME: 3 HOURS

DAY/DATE: TUESDAY 04/12/2018

2.30 P.M. – 5.30 P.M.

INSTRUCTIONS:

- **Do not write anything on the question paper.**
- **Mobile phones and any other reference materials are NOT allowed in the examination room.**
- **The paper has three sections. Answer ALL questions.**
- **All your answers for section I (MCQs) should be on one page**
- **Number ALL your answers and indicate the order of appearance in the space provided in the cover page of the examination answer booklet.**
- **Write your answers legibly and use your time wisely.**

Section A: Multiple Choice Questions (20 marks)

1. When caring for a client in hemorrhagic shock, how should the nurse position the client?
 - (a) Flat in bed with legs elevated
 - (b) Flat in bed
 - (c) Trendelenburg position
 - (d) Semi-sitting position

2. The nurse is caring for several clients who have burns over different parts of the body. The client who has burns over which part of the body is most at risk of life-threatening complications?
 - (a) Lower torso
 - (b) Upper part of the body
 - (c) Hands and feet
 - (d) Perineum

3. The nurse is ordered to insert an indwelling catheter in a severely burned client for which reason?
 - (a) To prevent contamination of burned areas
 - (b) To measure hourly urine output
 - (c) To prevent urinary tract infection
 - (d) To detect internal injuries quickly

4. A client who has just had a thyroidectomy returns to the unit in stable condition. What equipment is it essential for the nurse to have readily available?
 - (a) Tracheostomy set
 - (b) Thoracotomy tray
 - (c) Dressing set
 - (d) Ice collar

5. The nurse is teaching a client to self-administer insulin. The instructions should include teaching the client to:
 - (a) Inject the needle at a 90-degree angle into the muscle
 - (b) Vigorously massage the area after injecting the insulin
 - (c) Rotate injection sites
 - (d) Keep the open bottle of insulin in the refrigerator

6. The nurse gently elevates the client's newly casted arm on a pillow and explains that this is necessary for the first 24 to 48 hours after casting. What is the chief purpose of this action?
 - (a) It helps a damp cast to dry more evenly
 - (b) It reduces the amount of pain medication needed
 - (c) Venous return enhanced, and edema is decreased
 - (d) It is more comfortable than keeping the arm dependent

7. What is the nursing priority when administering care to a client with severe hyperthyroidism?
 - (a) Assess for recent emotional trauma
 - (b) Provide calm, non-stimulating environment
 - (c) Provide diversity activity
 - (d) Encourage range-of-motion exercises

8. The client with rheumatoid arthritis is to receive prednisone 2.5 mg P.O. before meals and at bedtime. What is the primary expected action of the drug?
 - (a) Maintenance of sodium and potassium balance
 - (b) Improvement of carbohydrate metabolism
 - (c) Production of androgen-like effects
 - (d) Interferences with inflammatory reactions

9. The nurse is planning care for a newly burned client. What is the priority nursing observation to be made during the first 48 hours after the burn?
- (a) Hourly blood pressure
 - (b) Assessment of skin colour and capillary refill
 - (c) Hourly urine measurement
 - (d) Frequent assessment for pain
10. The client is a 73-year-old woman who fell in her home and suffered a right hip fracture. She tells the nurse that she was walking across the kitchen and felt something 'snap' in her hip and this made her fall. What type of fracture is the client most likely to have?
- (a) Comminuted fracture
 - (b) Greenstick fracture
 - (c) Open fracture
 - (d) Pathological fracture
11. An adult is admitted to the hospital with a diagnosis of hypothyroidism. Which findings would the nurse most likely elicit during the nursing assessment?
- (a) Elevated blood pressure and temperature
 - (b) Tachycardia and weight gain
 - (c) Hypothermia and constipation
 - (d) Moist skin and coarse hair
12. The nurse is to give the client with gout one tablet of colchicine every hour until relief or toxicity occurs. Which of the following is an indication for stopping the colchicine?
- (a) Ringing in the ears
 - (b) Nausea and vomiting
 - (c) A rash on the client's hips
 - (d) A temperature of 101 °F
13. The client has returned to the nursing unit following a right below-the-knee amputation. How should the nurse position the client?
- (a) Supine with head turned to the side
 - (b) With shock blocks placed under the foot of the bed
 - (c) Semi-sitting position with knees bent
 - (d) Left lateral with pillows between the knees
14. What is the best way to assess for hemorrhage in a client who has had a thyroidectomy?
- (a) Check the pulse and blood pressure hourly.
 - (b) Roll the client to the side and check for evidence of bleeding
 - (c) Ask the client if he/she feels blood trickling down the back of the throat
 - (d) Place a hand under the client's neck and shoulders to feel bed linens

15. The day after an amputation, the client begins to hemorrhage from his stump. What action should the nurse take first?
- (a) Apply a pressure dressing to the stump
 - (b) Place a tourniquet above the stump
 - (c) Notify the physician
 - (d) Apply an ice pack to the stump
16. A femoral head replacement was performed on an elderly client. Postoperatively, the nurse positions the client with an abductor pillow between the client's legs. What is the primary reasons for this?
- (a) This position will promote greater comfort
 - (b) Abduction promotes greater circulation to the hip joint
 - (c) Abduction will prevent the prosthesis from snapping out of the socket
 - (d) This position will help to prevent pressure on the sciatic nerve
17. The client is 64-year-old male admitted to the hospital with severe pain in his right big toe, which is red and swollen. Which nursing care measure is most essential for the nurse to perform at this time?
- (a) Use a bed cradle on the bed
 - (b) Put a bed board on the bed
 - (c) Obtain a heat lamp
 - (d) Prepare to catheterize the client
18. An elderly client with Type 2 diabetes mellitus develops an ingrown toenail. What is the best action for the nurse to take?
- (a) Put cotton under the nail and clip the nail straight across
 - (b) Elevate the foot immediately
 - (c) Apply warm, moist soaks
 - (d) Notify the physician
19. The client is ready for discharge following an adrenalectomy. Which statement that the client makes indicates the best understanding of the client's condition?
- (a) "I will continue on a low-sodium, low potassium diet."
 - (b) "My husband has arranged for a marriage counsellor because of our fights."
 - (c) "I will stay out of the sun so I will not turn splotchy brown."
 - (d) "I will take all of those pills every day."
20. The nurse is caring for a client with a newly applied plaster cast. How should the nurse touch and move the wet cast?
- (a) Use the palms of the hands
 - (b) Use the fingertips only
 - (c) Use a towel sling
 - (d) Touch the cast only on the petals at the edges

Section B: Short Answer Questions (40 marks)

1. Outline five (5) health messages for a patient with low back pain. (5 marks)
2. State three (3) priority nursing diagnoses and their appropriate intervention for an adult patient with compound fracture of the femur (6 marks)
3. State six (6) critical elements of diabetes education. (6 marks)
4. Briefly describe three (3) non-pharmacologic methods of pain relief for the patient with rheumatoid arthritis. (6 marks)
5. Describe three (3) specific nursing management priorities for the patient on long-term corticosteroid therapy. (6 marks)
6. Describe three (3) specific nursing management priorities for the client admitted with osteomyelitis. (6 marks)
7. Define diabetic ketoacidosis (DKA) and explain its standard diagnostic criteria. (5 marks)

Section C: Long Answer Questions (40 marks)

1. A 48 year old woman is admitted in medical ward with a diagnosis of hyperthyroidism (Grave's disease):
 - (a) Explain the etiology of her condition (4 marks)
 - (b) State four (4) diagnostic features of her condition (4 marks)
 - (c) Describe the collaborative management of the patient (12 marks)
 2. A 27 year old man is admitted with 29% burns sustained from open fire. The burns are anteriorly located: on torso and upper proximal limbs. The patient is a known epileptic on treatment:
 - (a) Explain the emergency management of the above patient. (15 marks)
 - (b) Outline five (5) the nursing instructions for preventing future burns in the above Patient. (5 marks)
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