

**UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCES**

SUPPLEMENTARY EXAMINATION PAPER, JULY 2014

TITLE OF PAPER: ADVANCED MEDICAL-SURGICAL NURSING IV

COURSE CODE: NUR 511

TIME ALLOWED: TWO (2) HOURS

MARKS: 75

THIS EXAM PAPER HAS ELEVEN (11) PAGES

INSTRUCTIONS:

1. THERE ARE THREE (3) QUESTIONS IN THIS PAPER.
2. ANSWER ALL THREE QUESTIONS.
3. EACH QUESTION IS ALLOCATED 25 MARKS.
4. WRITE LEGIBLY.

THIS PAPER IS NOT TO BE OPENED UNTIL THE INVIGILATOR HAS GRANTED PERMISSION.

QUESTION 1

- A. Discuss the nursing management of a patient who has sustained severe stroke. (13)
- B. Compare and contrast the rapid neurologic assessment that you will conduct on an unconscious patient compared to that of a conscious patient. (12)

TOTAL = 25 MARKS**QUESTION 2**

- A. What are the four agents used for treatment of shock? (10)
- B. Discuss three types of cerebral oxygen monitoring. (6)
- C. Discuss the initial emergency burn management under the following headings
- (i) Airway management. (4)
 - (ii) Circulatory management. (5)

TOTAL = 25 MARKS

QUESTION 3

For each of the following questions / statements, write CLEARLY the letter that corresponds with the most appropriate answer e.g. 1. B

1. The client has recently returned from having a thyroidectomy. The nurse should keep which of the following at the bedside?

- A. A tracheotomy set
- B. A padded tongue blade
- C. An endotracheal tube
- D. An airway

2. A 17-year-old female model comes to the emergency room [ER] complaining of generalized cramps and numbness in her fingers. Medical history is noncontributory. When questioned, she tells you that she has been on a high-protein diet for "about 6 weeks." An I.V. line is started and blood is drawn for laboratory studies. Her serum calcium level is 5.5 mg/dl.

In assessing this patient for hypocalcemia, Chvostek's sign is elicited by:

- A. Applying a (BP) cuff to the upper arm, inflating it, and observing for carpopedal spasm.
- B. Tapping a finger on the skin above the supramandibular portion of the parotid gland and observing for twitching of the upper lip on side opposite stimulation.
- C. Tapping a finger on the skin above the supramandibular portion of the parotid gland and observing for twitching of the upper lip on same side as stimulation.
- D. Having the patient hyperventilate (more than 30 breaths/minute) to produce carpopedal spasm resulting from respiratory alkalosis.

3. Trousseau's sign can be elicited in the hypocalcemic patient by:
- A. Applying a BP cuff to upper arm, inflating it, and observing for carpopedal spasm.
 - B. Tapping a finger on the supramandibular portion of the parotid gland and observing for twitching of the upper lip on the side opposite to the stimulation.
 - C. Tapping a finger on the supramandibular portion of the parotid gland and observing for twitching of the upper lip on the same side as stimulation.
 - D. Having the patient hyperventilate (more than 30 breaths/minute) to produce carpopedal spasm resulting from respiratory acidosis.
4. Parenteral injections of cortisol for patients with Addison's disease should be injected:
- A. After the patient has had a meal
 - B. Deep into the deltoid
 - C. Deep into the gluteal muscle
 - D. Into the subcutaneous tissue
5. Which of these medications is not an oral hypoglycemic agent?
- A. Glypizide (Glucotrol)
 - B. Tolbutamide (Orinase)
 - C. Chlorpropamide (diabinese)
 - D. Diazoxide (Hyperstat)

6. A Nurse is doing bowel and bladder retraining for the client with paraplegia. Which of the following is not a factor for the nurse to consider?

- A. Diet pattern
- B. Mobility
- C. Fluid intake
- D. Sexual function

7. Which of the following laboratory studies should be done periodically if the client is taking warfarin sodium (Coumadin)?

- A. Stool specimen for occult blood
- B. White blood cell count
- C. Blood glucose
- D. Erythrocyte count

8. The client has an order of heparin to prevent post-surgical thrombi. Immediately following a heparin injection, the nurse should:

- A. Aspirate for blood
- B. Check the pulse rate
- C. Massage the site
- D. Check the site for bleeding

9. The client states “my stomach hurts about 2 hours after I eat”. Based upon this information, the nurse suspects the client likely has a:

- A. gastric ulcer
- B. duodenal ulcer
- C. peptic ulcer
- D. Curling’s ulcer

10. A client is prescribed metronidazole (Flagyl) for adjunct treatment for duodenal ulcer. When teaching about this medication, the nurse should include:

- A. “This medication should be taken only until they begin to feel better”
- B. “This medication should be taken on an empty stomach to increase absorption”
- C. “While taking this medication, you do not have to be concerned about being in the sun”
- D. “While taking medication, alcoholic beverages and products containing alcohol must be avoided”

11. The client has an order for gentamycin to be administered. Which laboratory results should be reported to the doctor before beginning the medication?

- A. Hematocrit
- B. Creatinine
- C. White blood cell count
- D. Erythrocyte count

12. Which of the following is the best indicator of the diagnosis of HIV?

- A. White blood cell count
- B. ELISA
- C. Western blot
- D. Complete blood count

13. A client with a recent liver transplant asks the nurse how long he will have to take an immunosuppressant. Which response would be correct?

- A. one (1) year
- B. five (5) years
- C. 10 years
- D. the rest of his life

14. The client is admitted from the emergency room with multiple injuries sustained from a motor vehicle accident. The doctor prescribes a histamine blocker. The nurse is aware that the reason for this order is to:

- A. Treat general discomfort
- B. Correct electrolyte imbalances
- C. Prevent stress ulcer
- D. Treat nausea

15. The child with a seizure disorder is being treated with phenytoin (Dilatin). Which of the following statements by the client's mother indicates to the nurse that the patient is experiencing side effects?

- A. "She is very irritable"
- B. "She sleeps quite a bit of the time"
- C. "Her gums look too big for the teeth"
- D. "She has gained about 5 kg in the last six months"

16. The physician prescribes captopril (Capoten) 25 mg per os TID for the client with hypertension. Which of the following adverse reaction can occur with the administration of captopril?

- A. Tinnitus
- B. Persistent cough
- C. Muscle weakness
- D. Diarrhea

17. The nurse is planning room assignments for the day. Which client should be assigned to a private room if only one is available?

- A. The client with Cushing's disease
- B. The client with diabetes mellitus
- C. The client with acromegaly
- D. The client with myxedema

18. A client with glomerulonephritis is placed on a low-sodium diet. Which of the following snacks is suitable for a client with sodium restriction?
- A. Peanut butter soup
 - B. Grilled cheese sandwich
 - C. Cottage cheese and fruit
 - D. Fresh peach
19. A client with cancer develops xerostomia. The nurse can help alleviate the discomfort the client is experiencing associated with xerostomia by:
- A. Offering hard sweet
 - B. Administering analgesic medication
 - C. Splinting swollen joints
 - D. Providing saliva substitute
20. Which of the following post-operative diets is most appropriate for the client who has had a haemorrhoidectomy?
- A. High fiber
 - B. Lactose free
 - C. Bland
 - D. Clear liquid

21. The nurse is assessing the client recently returned from surgery. The nurse is aware that the best way to assess pain is to:

- A. Take the blood pressure, pulse, and temperature
- B. Ask the client to rate his pain on a scale of 0 – 5
- C. Watch the client's facial expression
- D. Ask the client if he is in pain

22. The client with cirrhosis is scheduled for paracentesis. Which instruction should be given to the client before the examination?

- A. "You will need to lie flat during the examination"
- B. "You need to empty your bladder before the procedure"
- C. "You will be asleep during the procedure"
- D. "The doctor will inject a medication to treat your illness during the procedure"

23. The first exercise that should be performed by the client who has had a mastectomy one (1) day earlier is:

- A. Walking the hand up the wall
- B. Sweeping the floor
- C. Combing her hair
- D. Squeezing a ball

24. The nurse employed in the emergency room is responsible for triage of four (4) clients injured in a motor vehicle accident (MVA). Which of the following clients should receive priority care?

- A. A 10-year-old with lacerations on the face
- B. A 15-year-old with sternal bruises
- C. A 34-year-old with fractured femur
- D. A 50-year-old with dislocation of the elbow

25. Which action by the novice nurse indicates a need for further teaching?

- A. The nurse fails to wear gloves to remove dressing
 - B. The nurse applies oxygen saturation monitor to the ear lobe
 - C. The nurse elevates the head of the bed to check the blood pressure
 - D. The nurse places the extremity in a dependent position to acquire peripheral blood sample.
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