



*(University of Choice)*

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

**UPGRADING**

**UNIVERSITY EXAMINATIONS  
2021/2022 ACADEMIC YEAR**

**THIRD YEAR FIRST TIMESTER EXAMINATIONS**

**FOR THE DEGREE  
OF  
BACHELOR OF SCIENCE IN NURSING**

**COURSE CODE: NCN 418**

**COURSE TITLE: MEDICAL SURGICAL NURSING V (EENT  
NURSING)**

**MAIN EXAMINATION**

**DATE: FRIDAY 22<sup>ND</sup> APRIL, 2022      TIME: 11:30- 2:30 PM**

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**INSTRUCTIONS TO CANDIDATES**

Answer all Questions in all sections.

**TIME: 3 Hours**

MMUST observes ZERO tolerance to examination cheating

**MULTIPLE CHOICE QUESTIONS ( 20 Mrks)**

1. The client has had a cataract removed. The nurse's discharge instructions should include which of the following?
  - a. Keep the head aligned straight.
  - b. Utilize bright lights in the home.
  - c. Use an eye shield at night.
  - d. Change the eye patch as needed.
2. After the stapedectomy, which is the most appropriate technique for assessing whether the client's facial nerve function is intact?
  - a. Ask the client to identify familiar odors.
  - b. Ask the client to smile or raise the eyebrows.
  - c. Ask the client to stick out the tongue.
  - d. Ask the client to read printed information.
3. A client who has been treated for chronic open-angle glaucoma (COAG) for 5 years asks the nurse, "How does glaucoma damage my eyesight?" The nurse's reply should be based on the knowledge that COAG:
  - a. Results from chronic eye inflammation.
  - b. Causes increased intraocular pressure.
  - c. Leads to detachment of the retina.
  - d. Is caused by decreased blood flow to the retina.
4. The best method to remove cerumen from a client's ear involves:
  - a. Inserting a cotton-tipped applicator into the external canal.
  - b. Irrigating the ear gently.
  - c. Using aural suction.
  - d. Using a cerumen curette.
5. The physician orders a caloric test for a client with Ménière's disease. Which response will the nurse most likely observe during the caloric test if the client has Ménière's disease?
  - a. Onset of severe symptoms
  - b. No response or change in symptoms
  - c. Nystagmus and slight dizziness
  - d. Aphasia and loss of consciousness
6. After a total laryngectomy, the client has a feeding tube. The feeding tube is effective if the tube feedings:
  - a. Meet the fluid and nutritional needs of the client.
  - b. Prevent aspiration.
  - c. Prevent fistula formation.
  - d. Maintain an open airway.
7. A client consults the physician concerning nasal polyps. During the initial assessment, the nurse can assist the physician in determining the etiology of the client's problem by assessing if there is a history of which condition?
  - a. Recent nasal injury
  - b. Respiratory allergies

- c. Previous nasal surgery
  - d. A past tonsillectomy
8. To ensure safety for a hospitalized blind client, the nurse should:
- a. Require that the client has a sitter for each shift.
  - b. Require that the client stays in bed until the nurse can assist.
  - c. Orient the client to the room environment.
  - d. Keep the side rails up when the client is alone.
9. Following a laryngectomy, the nurse notices that the client has saliva collecting beneath the skin flaps. This finding is indicative of which of the following?
- a. Skin necrosis.
  - b. Carotid artery rupture.
  - c. Stomal stenosis.
  - d. Development of a fistula.
10. When instilling prescribed medication into the ear of an adult, which is the correct technique for the nurse to use to straighten the ear canal?
- a. Pull the ear upward and backward.
  - b. Pull the ear downward and forward.
  - c. Pull the ear upward and forward.
  - d. Pull the ear downward and backward.
11. Following a pneumatic retinopexy, what does the nurse need to know about the postoperative care for the patient?
- a. **Specific positioning and activity restrictions are likely to be required for several days.**
  - b. The patient is frequently hospitalized for 7 to 10 days on bed rest until healing is complete.
  - c. Patients experience little or no pain, and development of pain indicates hemorrhage or infection.
  - d. Reattachment of the retina commonly fails, and patients can be expected to grieve for loss of vision.
12. A 60-year-old patient is being prepared for outpatient cataract surgery. When obtaining admission data from the patient, what would the nurse expect to find in the patient's history?
- a. A painless, sudden, severe loss of vision
  - b. Blurred vision, colored halos around lights, and eye pain
  - c. **A gradual loss of vision with abnormal color perception and glare**
  - d. Light flashes, floaters, and a "cobweb" in the field of vision with loss of central or peripheral vision
13. . A patient with early cataracts tells the nurse that he is afraid cataract surgery may cause permanent visual damage. What should the nurse teach the patient?
- a. The cataracts will only worsen with time and should be removed as early as possible to prevent blindness.
  - b. Cataract surgery is very safe and with the implantation of an intraocular lens, the need for glasses will be eliminated.

- c. Progression of the cataracts can be prevented by avoidance of ultraviolet (UV) light and good dietary management.
  - d. **Vision enhancement techniques may improve vision until surgery becomes an acceptable option to maintain desired activities.**
14. A patient is admitted to the emergency department with a wood splinter imbedded in the right eye. Which intervention by the nurse is most appropriate?
- a. Irrigate the eye with a large amount of sterile saline.
  - b. Carefully remove the splinter with a pair of sterile forceps.
  - c. **Cover the eye with a dry sterile patch and a protective shield.**
  - d. Apply light pressure on the closed eye to prevent bleeding or loss of aqueous humor.
15. When does caloric testing indicate disease of the vestibular system of the ear?
- a. Hearing is improved with irrigation of the external ear canal
  - b. **No nystagmus is elicited with application of water in the external ear**
  - c. The patient experiences intolerable pain with irrigation of the external ear
  - d. Irrigation of the external ear with water produces nystagmus opposite the side of instillation
16. What is the organ of balance and equilibrium?
- a. Cochlea
  - b. Ossicular chain
  - c. Organ of Corti
  - d. **Semicircular canals**
17. If a client who has recently experienced diminished hearing takes medications from each of the following drug categories, which one is most likely to have affected the client's hearing?
- a. Nonsteroidal anti-inflammatory drug
  - b. Beta-adrenergic blocker
  - c. **Aminoglycoside antibiotic**
  - d. Histamine-2 (H<sub>2</sub>) antagonist
18. The risk for injury during an attack of Ménière's disease is high. The nurse should instruct the client to take which immediate action when experiencing vertigo?
- a. "Place your head between your knees."
  - b. "Concentrate on rhythmic deep breathing."
  - c. "Close your eyes tightly."
  - d. "Assume a reclining or flat position."
19. Which of the following should the nurse provide as part of the information to prepare the client for tonometry?
- a. Oral pain medication will be given before the procedure.
  - b. It is a painless procedure with no adverse effects.
  - c. Blurred or double vision may occur after the procedure.
  - d. Medication will be given to dilate the pupils before the procedure.

20. The nurse observes the client instill eyedrops. The client says, "I just try to hit the middle of my eyeball so the drops don't run out of my eye." The nurse explains to the client that this method may cause:
- Scleral staining.
  - Corneal injury.
  - Excessive lacrimation.
  - Systemic drug absorption.

#### **SHORT ANSWER QUESTIONS (40 Mrks)**

- Outline four types of cataracts ( 8mrks)
- List three disorders of smell (3 mrks)
- Give four specific nursing diagnosis for croup (4 mrks)
- Explain two ocular manifestations of systemic disease (6 mrks)
- State four conditions of the outer ear (4 mrks)
- Give four disorders of refraction (4 mrks)
- Explain three tests for auditory acuity (6 mrks)
- Give five causes of hearing loss (5 mrks)

#### **LONG ANSWER QUESTIONS (40 Mrks)**

- Mr. Yen is 65 years old and has been admitted to the eye unit due to Retinal Detachment
  - Draw and label the parts of the eye (5 mrks)
  - State five signs and symptoms that Mrs. M.Y will present with (5 mrks)
  - Using a nursing care plan, explain the management of Mr. Yen (10 mrks)
- Della is 12 years old and has gone to an otolaryngologist due to acute otitis media.
  - Draw and label the parts of the ear (6mrks)
  - Outline five specific risk factors for Otitis Media (5 mrks)
  - State five signs and symptoms that Della will manifest (5 mrks)
  - State four nursing diagnosis specific for Otitis Media (4 mrks)