



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## University Examinations 2020/2021

THIRD YEAR, SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR  
OF SCIENCE IN NURSING

### NND 3321: ENT AND OPHTHALMIC NURSING

DATE: OCTOBER 2021

TIME: 2 HOURS

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#### INSTRUCTIONS:

*Answer All questions*

*Ensure that all your answers are properly numbered*

*Part I: Multiple Choice Questions (MCQ): Write the correct answer on the space provided in the answer booklet. Each MCQ is one mark*

*Part II: Short Answer Questions – Answer questions following each other on the answer booklet*

*Part III: Long Answer Questions – Answer each question on the answer booklet.*

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#### PART I: Multiple Choice Question (20 Marks)

1. Cataract surgery results in aphakia. Which of the following statements best describes the term?
  - a. Loss of accommodation
  - b. Retinal detachment
  - c. Absence of the crystalline lens
  - d. A keyhole pupil
2. The nurse is performing an admission assessment on a patient with a diagnosis of detached retina. Which of the following is associated with this eye disorder?
  - a. Pain in the affected eye
  - b. Total loss of vision
  - c. A sense of curtain falling across the field of vision
  - d. A yellow discoloration of the sclera
3. A nurse is providing discharge teaching for a client who has hearing impairment and uses hearing aids. Which action is most appropriate when communicating with this client?

- a. Stand at the front of the room and use a visual aid for teaching
  - b. Speak slowly and clearly avoid shouting
  - c. Use hand gestures and miming when gestures are not understood
4. The nurse has notes that the doctor has a diagnosis of presbycusis on the patient's chart. The nurse plans care knowing the condition is:
    - a. A sensorineural hearing loss that occurs with aging
    - b. A conductive hearing loss that occurs with aging
    - c. Tinnitus that occurs with aging
    - d. Nystagmus that occurs with aging
  5. A client arrives at the emergency room with a foreign body in the left ear that has been determined to be an insect. Which intervention will the nurse anticipate to be prescribed initially?
    - a. Irrigation of the ear
    - b. Instillation of antibiotic ear drops
    - c. Installation of corticosteroids ear drops
    - d. Instillation of mineral oil
  6. The nurse has conducted a discharge for a patient who had fenestration procedure for treatment of otosclerosis. Which of the following indicates that the patient has understood the teaching?
    - a. "I should drink through a straw for the next 3 weeks"
    - b. "it is okay to take a shower and wash my hair"
    - c. "I will take stool softeners as prescribed by my doctor"
    - d. "I can resume my tennis lessons starting next week"
  7. A patient is being discharged from the ambulatory care unit following cataract removal. The nurse provides instructions regarding home care. Which of the following, if stated by the patient, indicates an understanding of the instructions?
    - a. "I will take aspirin if I have any discomfort"
    - b. "I will sleep on the side I was operated on"
    - c. "I will wear my eye shield at night and my glasses during the day"
    - d. "I will not lift anything if it weighs more than 5 kilograms"
  8. In preparation for cataract surgery, the nurse is to administer which of the following eye drops?
    - a. An osmotic diuretic
    - b. A miotic agent
    - c. A mydriatic medication
    - d. A thiazide diuretic
  9. The nurse is reviewing the doctor's orders for a patient with Meniere's disease. Which diet will most likely be prescribed?
    - a. Low-cholesterol diet
    - b. Low-sodium diet

- c. Low-carbohydrate diet
  - d. Low-fat diet
10. A client has suffered damage to the receptor hairs of her inner ear and cochlea and now has constant ringing in her ears. The condition is most commonly called:
- a. Presbycusis
  - b. Tinnitus
  - c. Meniere's disease
  - d. Conductive hearing loss
11. Tonometry is performed on a patient with suspected diagnosis of glaucoma. The nurse analyzes the test result as documented in the patient's chart and understands that the normal intraocular pressure is:
- a. 2 to 7 mm Hg
  - b. 10 to 21 mm Hg
  - c. 22 to 30 mm Hg
  - d. 31 to 35 mm Hg
12. A client's vision is tested with a Snellen's chart. The result of the tests are documented as 20/60. The nurse interprets this as:
- a. The client can read at a distance of 60 feet what a client of normal vision can read at 20 feet
  - b. The client is legally blind
  - c. The client's vision is normal
  - d. The client can read only at a distance of 20 feet what a client of normal vision can read at 60 feet
13. A client was admitted with cataracts. Which of the following manifestations is the most common complaint associated with cataracts?
- a. Eye pain
  - b. Halos around lights
  - c. Blurred vision
  - d. Headache
14. After a tonsillectomy, the nurse reviews the doctor's postoperative prescriptions. Which prescription should the nurse question?
- a. Monitor for bleeding
  - b. Suction every 2 hours
  - c. Give no milk or milk products
  - d. Give clear, cool liquids when awake and alert
15. The ear bones that transmit vibrations to the oval window of the cochlea are found in the:
- a. Inner ear
  - b. Outer ear
  - c. Middle ear
  - d. Eustachia tube

16. The part of the ear that contains the receptors for hearing is the:
  - a. Utricle
  - b. Outer ear
  - c. Middle ear
  - d. Tympanic cavity
17. The nurse is performing a voice test to assess hearing. Which of the following describes the accurate procedure for performing this test?
  - a. Stand 4 feet away from the client to ensure that the client can hear at this distance
  - b. Whisper a statement and ask the client to repeat it
  - c. Whisper a statement with the examiner's back facing the client
  - d. Whisper a statement while the client blocks both ears
18. A client arrived in the emergency department with chemical eye injury. The initial nursing action will be to:
  - a. Perform a visual acuity test
  - b. Administer antibiotic eye ointment
  - c. Place a patch over the eye
  - d. Use sterile saline to irrigate the eye
19. During a hearing assessment, the nurse notes that the sound lateralizes to the client's left ear with the weber test. The nurse analyzes this result as:
  - a. A normal finding
  - b. Asensorineural loss
  - c. A conductive hearing loss in the right ear
  - d. The presence of nystagmus
20. A nurse is preparing to administer eye drops to a client. To which of the following site should the nurse administer it?
  - a. Conjunctival sac
  - b. Pupil
  - c. Inner canthus
  - d. Outer canthus

**PART II: Short Answer Questions (30 MARKS)**

1. Describe 2 functions of the ear (4 Marks)
2. Identify 4 patient education on prevention of otitis externa (4 Marks)
3. Outline 6 nursing interventions for a patient with detached retina (6 Marks)
4. State the 5 stages of glaucoma. (5 Marks)
5. Identify 4 priority nursing diagnosis for a parent with vertigo (4 Marks)
6. Describe how to perform the Rinne test on a patient in assessment of hearing. (7 Marks)

**PART III: Long Answer Questions (20 Marks)**

A patient is unresponsive to medical treatment of chronic otitis media and is being admitted at your facility for a surgical procedure.

- a. Name three surgical procedures that can be used for management of the above patient. (3 Marks)
- b. State 5 purpose of the surgical procedures named in (a) above (5 Marks)
- c. Formulate a nursing care plan for a patient undergoing mastoid surgery with 2 priority nursing diagnosis, 1 goal and 1 expected outcome, 2 priority interventions and their rationales. (12 Marks)