



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF MEDICAL SCIENCES
DEPARTMENT OF NURSING & MIDWIFERY SCIENCES
End of Semester Exam August 2025 Examinations**

COURSE CODE AND TITLE: BSN 321: Medical Surgical IV

DATE: Tuesday 5th August 2025

Duration: 2 HOURS

Start: 14:00HRS

Finish: 16:00HRS

INSTRUCTIONS

1. This exam is out of 70 marks
2. This Examination comprises THREE Sections. Section I: Multiple Choice Questions (20 marks) Section II: Short Answer Questions (30 marks) and Section III: Long Answer Questions (20 marks)
3. Answer ALL Questions.
4. Do Not write anything on the question paper -use the back of your booklet for rough work if need be.

SECTION I: SHORT ANSWER QUESTIONS (20 MARKS)

1. Regarding visual acuity recording or test, which of following is not correct:
 - a. It is record the acuteness of central vision for distance and near or reading vision.
 - b. Distance vision is tested at 6 meters.
 - c. Distance vision is tested at 3 meters.
 - d. The eyes are tested and recorded separately.
2. The aqueous fluid :
 - a. Is produced by ciliary process.
 - b. It is follow the posterior chamber through iris into anterior chamber.
 - c. nourishes the lens.
 - d. nourishes the cornea.
3. The sign of allergic conjunctivitis is:
 - a. Watering eye.
 - b. Nasal signs of hay fever.
 - c. Severe chemosis.
 - d. Irritation of eye.
4. A patient presents with red eyes, decreased visual acuity, raised intracranial pressure and shallow anterior chamber. The likely diagnosis is:
 - a. Cataracts
 - b. Open angle glaucoma
 - c. Retinal detachment
 - d. Acute angle closure glaucoma
5. The commonest cause of cataract is:
 - a. Trauma
 - b. Diabetes
 - c. Hypoparathyroidism
 - d. Old age
6. In Myopia
 - a. The length of the eyeball is short
 - b. Corneal radius of curvature is less
 - c. Lens is less spherical
 - d. Image forms in front of the retina when the patient accommodates
7. A patient complaining of blurred vision is describing a symptom that is:
 - a. Objective
 - b. Prodromal
 - c. Functional
 - d. Subjective
8. Mr. C's visual acuity is 20/50. This means that he:
 - a. Can see 50% what the average person sees at 20 feet
 - b. Has perfect vision when tested at 50 feet
 - c. Can see 20% of the letters on the chart's 20/50 line
 - d. Can read letters while standing 20 feet from the chart that the average person could read at 50 feet

9. The hearing disorder characterized by an osseous growth causing fixation of the footplate of the stapes in the oval window is:
 - a. Otosclerosis
 - b. Presbycusis
 - c. Tinnitus
 - d. Meniere's disease
10. During hearing assessment using the weber test, the nurse notes that the sound lateralizes to the left ear. This result means:
 - a. Normal findings
 - b. A conductive hearing loss in the right ear
 - c. A sensorineural or conductive loss
 - d. Presence of nystagmus
11. A client has external otitis. On what comfort measure does the nurse instruct the client?
 - a. Applying ice four times a day
 - b. Instilling vinegar- and water drops
 - c. Use of a heating pad to the ear
 - d. Using a home humidifier
12. The discharge advise that is appropriate for a patient who has undergone myringotomy is:
 - a. Buy dry shampoo to use for a week
 - b. Drink liquid through a straw
 - c. Flying is not allowed for 1 month
 - d. Hot shower will help manage pain
13. Nursing advise for a patient who is planning to go for a cruise
 - a. Avoid alcohol on cruise sheep
 - b. Change position slowly on the sheep
 - c. Change your travel plan
 - d. Try scopolamine (trans)
14. The purpose of a dental dam is: -
 - a. To improve patient comfort during treatment.
 - b. To isolate the tooth being worked on, keeping it dry and clean.
 - c. To provide a visual aid for the dentist.
 - d. To administer local anesthesia.
15. The purpose of dental impression is: -
 - a. To create a replica of a patients' teeth
 - b. To clean the teeth
 - c. To polish the teeth
 - d. To remove plaque
16. The materials used in a vitality test to stimulate a tooth to react to the cold is: -
 - a. Alginate
 - b. Ethyl Chloride
 - c. Gutta-Percha D.
 - d. Sodium hypochlorite

17. A patient presents with sore throat, fever, drooling and trismus. What condition are they likely to have?
 - a. Tonsillitis
 - b. Quinsy
 - c. Epiglottitis
 - d. Pharyngitis
18. During airway assessment, which of the following suggests partial airway obstruction?
 - a. Gurgling
 - b. Patient responds verbally
 - c. Well-fitting false teeth
 - d. A poorly fitting cervical collar
19. What is a common complication of untreated strep throat (streptococcal pharyngitis)?
 - a. Laryngitis
 - b. Acute otitis media
 - c. Rheumatic fever
 - d. Epitaxis
20. A nurse is caring for a patient with a peritonsillar abscess. Which nursing intervention is MOST critical?
 - a. Administering pain medication as prescribed
 - b. Maintain a patient airway
 - c. Providing oral hygiene with antiseptic mouthwash
 - d. Encourage the patient to drink clear liquids

SECTION II: SHORT ANSWER QUESTION(30MKS)

1. Outline FOUR priority nursing diagnosis for a patient with cataract (8 Marks)
2. Briefly Describe how to perform the Weber test on a patient (5 Marks)
3. Briefly describe the three types of myringitis (6 Marks)
4. Outline five indications for tonsillectomy (5 Marks)
5. Explain five nursing management of a patient with epiglottitis (5 Marks)
6. List two priority Nursing care of a patient with Epitaxis (1 Marks)

SECTION III: LONG ANSWER QUESTION (20MARKS)

1. Mrs. Gloria complained of pain, swelling and redness of the gum that radiates to the teeth leading to toothache. After clinical and radiological examination by a dentist. A diagnosis of periodontal disease was, made.
 - a. Explain two differences between periodontal disease and gingivitis (4 Marks)
 - b. Describe five possible diagnostic investigations important for Mrs. Gloria (10 marks)
 - c. State three priority nursing diagnoses and two indicated interventions for each for Mrs. Gloria (6 Marks)