



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
FOURTH YEAR FIRST TRIMESTER**

**SCHOOL OF PURE, APPLIED AND HEALTH
SCIENCES
BACHELOR OF SCIENCE IN NURSING**

**COURSE CODE: NUR 4102
COURSE TITLE: SPECIAL SENSES**

DATE: 16TH APRIL 2024

TIME: 0830-1130

INSTRUCTION TO CANDIDATES

Section A: Multiple Choice Questions. Answer ALL Questions

Section B: Short Answer Questions. Answer ALL Questions

Section C: Long Answer Questions. Answer Question ONE and any other ONE question.

This paper consists of 6 printed pages. Please turn over.

SECTION A: MULTIPLE CHOICE QUESTIONS (20 MARKS). SELECT THE BEST ANSWER

1. A change in the perception of an odor, such a client now finds a smell repulsive which they previously enjoyed, is termed as?
 - A. Dysosmia
 - B. Parosmia
 - C. Phantosmia
 - D. Agnosia
2. A nurse is providing teaching to the client about a new prescription of clotrimazole. Which of the following should the nurse include in the teaching?
 - A. "Moisten the area before applying"
 - B. "This cream is used to treat a bacterial infection"
 - C. "It reduces the discomfort associated with a herpetic lesion"
 - D. "Apply to the infected skin for up to two weeks"
3. When caring for a client who has developed stage IV pressure ulcers on the right trochanter and coccyx, which collaborative problem has the HIGHEST priority?
 - A. Altered Coping
 - B. Self-care deficit
 - C. Impaired cognition
 - D. Altered nutrition
4. A nurse performs a Rinne test during physical assessment of a client. The client indicates that the sound is louder when the vibrating tuning fork is placed against the mastoid bone than when held closely to the ear. What conclusion should the nurse make about these results?
 - A. This represents an expected finding
 - B. The client may have a sensorineural deficit
 - C. This is evidence of a conductive hearing loss
 - D. The client has an inflammation of the mastoid
5. The nurse should check the hearing of clients receiving ototoxic medications. Which of these is NOT?
 - A. Gentamicin
 - B. Ibuprofen
 - C. Cisplatin
 - D. Hydrochlorothiazide
6. A nurse is reviewing the dental examination report of a client. What tooth number is 13?
 - A. Upper left canine

- B. Lower left canine
 - C. Lower right canine
 - D. Upper right canine
7. A client returns to the dental unit 6 hours after having a tooth extraction complaining that the socket has started bleeding again. Which of the following should the nurse do FIRST?
- A. Irrigate the socket
 - B. Place a bite pack
 - C. Place an antiseptic dressing
 - D. Prepare for suturing of the socket
8. A nurse caring for a client on scopolamine should?
- A. Observe the client for urinary retention
 - B. Observe for mania
 - C. Monitor for subtle signs of infection
 - D. Observe for postural hypotension and tachycardia
9. The nurse is preparing a client with suspected middle ear disease for a diagnostic procedure that measures the mobility of the eardrum and middle ear structures relative to sound. What is the term for this?
- A. Tympanogram
 - B. Plethysmography
 - C. Audiometry
 - D. Otoscopy
10. When teaching patients about the dental plaque retention factors, the nurse should include the following, EXCEPT?
- A. Small oral aperture
 - B. Bruxism
 - C. Poorly aligned teeth
 - D. Incompetent lip seal
11. A scrub nurse is preparing for tympanostomy. Which of the following is useful in ventilating the middle ear?
- A. Blakesley
 - B. Crocodile
 - C. Tilley
 - D. Grommet
12. All of the following are concerned with auditory pathway except:
- A. Trapezoid body
 - B. Medial geniculate body

- C. Genu of internal capsule
 - D. Lateral lemniscus
13. The nurse is caring for a patient admitted with cytomegalovirus retinitis who has receiving systemic foscarnet. What does the nurse observe due the drug's associated side effects?
- A. Renal function due to nephrotoxicity
 - B. Complete blood count due to anemia, thrombocytopenia
 - C. Vision assessment for retinal detachment
 - D. Signs of infection due to neutropenia
14. Regarding lacrimation, tears flow across the front of the eye and then drain into the lacrimal sac and nasolacrimal duct through the?
- A. Medial canthus
 - B. Lateral canthus
 - C. Punctum
 - D. Limbus
15. A nurse is obtaining health history on a client with psoriasis. Which recent infection is significant?
- A. E. coli
 - B. Staphylococcus
 - C. Pneumonia
 - D. Streptococcus
16. A client has tinea pedis. Which intervention should the nurse teach the patient?
- A. Alternate shoes on a monthly basis
 - B. Soak feet in a vinegar and water solution
 - C. Cut toenails straight across
 - D. Wear shoes without socks
17. The causes of xerostomia in patients DO NOT include?
- A. Sjögren's syndrome
 - B. Diuretics
 - C. Scleroderma
 - D. Beta-blockers
18. Which instrument is used to detect caries and periodontal disease?
- A. Mouth mirror
 - B. Probe
 - C. Barbed broaches
 - D. Spoon curette

19. A nurse is obtaining history from a client admitted with glaucoma. Which of the following is NOT a risk factor?
- A. Thick cornea
 - B. Older age
 - C. Myopia
 - D. Prolonged use of corticosteroids
20. The client with a detached retina undergoes a scleral buckling procedure. Postoperatively, which client problem should be the nurse's highest priority?
- A. Pain
 - B. Vomiting
 - C. Anxiety
 - D. Boredom

SECTION B: SHORT ANSWER QUESTIONS (40 MARKS). ANSWER ALL QUESTIONS

1. a) Define any four (4) types of wound debridement. (4 Marks)
b) State four nursing interventions to prevent complications in the patient who has undergone skin grafting. (4 Marks)
2. (a) Describe two (2) visual acuity tests. (4 Marks)
(b) Enumerate the client education to individuals with visual impairment. (4 Marks)
3. Explain four (4) age-related structural changes of the ear. Indicate one nursing implication for each. (8 Marks)
4. (a) Enumerate six (6) causes of epistaxis. (3 Marks)
(b) Explain the emergency management of epistaxis. (5 Marks)
5. (a) Define the following dental terminologies: (5 Marks)
 - (i) Occlusal
 - (ii) Mesial
 - (iii) Handpieces
 - (iv) Orthopantomogram
 - (v) Scaling(b) State three roles of the nurse in dental radiography. (3 Marks)

SECTION C: LONG ANSWER QUESTIONS (40 MARKS). QUESTION ONE IS COMPULSORY, THEN ANSWER EITHER QUESTION 2 OR 3.

1. Oral health is key in an individual's wellbeing.
 - (a) Describe the role of various components of saliva. (5 Marks)
 - (b) Describe the effect of an individual's general health on their oral health. (10 Marks)
 - (c) Highlight the role of the dental nurse in oral health education. (5 Marks)

2. A client is brought to the emergency department at Narok County Referral Hospital with orbital trauma and a ruptured globe.
 - (a) Following a logical sequence, describe the nursing assessment of the client. (6 Marks)
 - (b) State four (4) priority nursing diagnoses. (4 Marks)
 - (c) Discuss the specific nursing management of the client postoperatively. (10 Marks)

3. A nurse is providing care to a patient who underwent radical neck dissection secondary to a neck tumor.
 - (a) Explain the etiopathogenesis of neck tumors. (5 Marks)
 - (b) Using the nursing process, discuss the management of the client. (15 Marks)