

CHUKA



UNIVERSITY

**SUPPLEMENTARY / SPECIAL EXAMINATIONS**

**FOURTH YEAR EXAMINATION FOR BACHELOR OF SCIENCE IN NURSING**

**NURS 442: MEDICAL SURGICAL SPECIALITIES 11(EAR, NOSE AND THROAT**

**STREAMS: Y4S1**

**TIME: 2**

**HOURS**

**DAY/DATE: WEDNESDAY 18/11/2020**

**11.30 A.M - 1.30 P.M.**

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**INSTRUCTIONS:**

1. Do not write anything on the question paper.
2. Mobile phones and any other reference materials are NOT allowed in the examination room.
3. The paper has three sections. Answer ALL the questions.
4. All your answers for Section I (MCQs) should be on one page.
5. Number ALL your answers and indicate the order of appearance in the space provided in the cover page of the examination answer booklet.
6. Write your answers legibly and use your time wisely

**Section A: Multiple choice questions (20Marks).**

1. Tests for Vestibular acuity include the following Except.
  - A. Bing test
  - B. Romberg test
  - C. Fistula test
  - D. Gait test
2. The following are clinical features of Rhinitis except
  - A. Sore throat
  - B. Sneezing
  - C. Mild fever
  - D. None of the Above
3. The common symptoms of ear problems include:
  - a. Pain, drainage, loss of balance, nausea
  - b. Pain, drainage, tinnitus, loss of balance
  - c. Pain, nausea, loss of balance, tinnitus
  - d. Nausea, tinnitus, loss of balance, drainage

4. The following are phases of physical Examination of the Ear except.
  - A. Inspection
  - B. Palpation
  - C. Percussion
  - D. Otoscopy
5. The following are Clinical Features of acute sinusitis except
  - a. Nasal obstruction.
  - b. Facial pressure over the sinuses
  - c. Purulent nasal discharge.
  - d. Fever, Headache, fatigue
6. Which statement is not true about vertigo?
  - A. It results from central vestibular system (inner ear)
  - B. It is a type of dizziness characterized by the illusion of movement
  - C. It is described as a feeling of disorientation in space or light headedness.
  - D. It is either a perception that the surroundings are moving while the body remains still or that one's body is moving while the surroundings remain still.
7. The following drugs are used in 1<sup>st</sup> line management of acute Rhinitis except:
  - a. Amoxil
  - b. Septrin
  - c. Erythromycin
  - d. Azithromycin
8. Which statement is most accurate on classification of hearing loss?
  - A. 15-25 decibels is mild hearing loss
  - B. 90 decibels is severe hearing loss
  - C. 15 decibels and below is Normal hearing
  - D. 25-40 decibels is slight hearing loss
9. Complications of acute sinusitis include all the following except
  - a. Brain abscess
  - b. osteoarthritis
  - c. Sub-periosteal abscess
  - d. Osteomyelitis
10. Differential diagnosis for sinusitis include the following except:
  - A. Meningitis
  - B. Cranial Arteritis
  - C. Migraine
  - D. Trigeminal neuralgia
11. Which one of the following microorganisms is the main cause of malignant otitis externa
  - a. Staphylococcus aureus
  - b. Streptococcus pneumonia
  - c. Aspergillus
  - d. Pseudomonas aeruginosa
12. Complications of Nasal surgery include the following except:
  - A. Aspiration
  - B. Blindness from orbital hematoma
  - C. Cerebrospinal fluid rhinorrhea from unintended or traumatic violation of the cribriform plate

D. None of the Above

For questions 13- 16 Match the conditions in column A with the predisposing factors in column B

Column A	Column B
13. Acute otitis media	A. Family history
14. Epistaxis	B. Down syndrome
15. Otosclerosis	C. Second hand smoke
16. Cancer of the larynx	D. Occupation
	E. nasopharyngeal tumours
	F. History of surgery

17. Which of the following is not recognized as a risk factor for hearing loss?
- Use of gentamycin
  - Use of loop diuretics
  - Low birth weight <1500gms
  - Low birth weight <2500gms
18. A patient with a deviated nasal septum may complain of the following EXCEPT:
- nasal obstruction, headache, sinusitis, middle ear infection,
  - nasal obstruction, headache, sinusitis, epistaxis,
  - nasal obstruction, otosclerosis, sinusitis, anosmia,
  - nasal obstruction, anosmia, sinusitis, external deformity,
19. Which of the following Management modalities of foreign body in the ear is contraindicated in the removal of foreign vegetable bodies
- Irrigation
  - Suction
  - Instrumentation
  - All the above
20. The common symptoms of ear problems include:
- Pain, drainage, loss of balance, nausea
  - Pain, drainage, tinnitus, loss of balance
  - Pain, nausea, loss of balance, tinnitus
  - Nausea, tinnitus, loss of balance, drainage

**Section B: Short answer questions (30Marks).**

- State five(5) indications of tonsillectomy/Adenoidectomy (5Marks)
- Describe the procedure and the significance of Weber’s test (5Marks)
- State five (5) Clinical manifestations of a patient with acute Otitis media (5Marks)
- State the abnormal findings you are likely to find on inspection of the throat (5Marks)
- State ten (10) predisposing factors to laryngeal cancer (10Marks)

**Section C: Long answer questions (20Marks).**

- Mrs kamau a 40year old lady is admitted in the ward with diagnosis of Epistaxis/nose bleeding
  - State eight(8) causes of Epistaxis/nose bleeding (8Marks)
  - Describe her management from admission till discharge (12Marks)