**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF BLOCK FOUR (4) EXAMINATION**

**MARCH 2012 KRCHN CLASS (PRE-SERVICE)**

**E N T EXAMINATION**

DATE: 31/4/2015 TIME:8.30 – 11.30pm

**INSTRUCTIONS**

1. Enter your examination number and question number on each page used.
2. ALL questions are compulsory.
3. For part 1 (MCQs), write the answer in the spaces provided on the answer booklet.
4. For Part 2 (SHORT ANSWER QUESTIONS), answer the questions following each other.
5. For Part 3 (LONG ANSWER QUESTIONS), answer to each question MUST start on a separate page.
6. Omission of and or wrong numbering of a question or part of the question will result in 10% deduction of the marks scored from the relevant part.
7. Do NOT use a pencil.
8. Mobile phones are NOT allowed in the examination hall.

For Examiner:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **MCQS** | **SAQS** | **LAQS 1** | **LAQS 2** | **TOTAL** |
|  |  |  |  |  |

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) E N T– 10 MARKS**

Q.1. A nurse should recognize the main purpose of inserting myringotomy tubes into the ears of a 10 month old child is to:

1. Prevent ear infections.
2. Reduce the need for antibiotic therapy.
3. Promote drainage of the middle ear.
4. Enhance sound discrimination.

Q.2. A client’s symptom indicate of a complication associated with acute otitis media are:

1. Mild fever.
2. Abrupt relief of pain.
3. Tinnitus.
4. Feeling of fullness in the ear.

Q.3. A sensorineural (perceptive) hearing loss results from impairment of the:

1. Eighth cranial nerve.
2. Fourth cranial nerve.
3. First cranial nerve.
4. Seventh cranial nerve.

Q.4. The signs and symptoms of chronic sinusitis include:

1. Constant severe headache, nasal obstruction, general malaise.
2. Orbital pain, watery eyes, purulent nasal discharge.
3. Bulging lymphatic membrane, ear wax, fever.
4. Blocked nostrils, fever, red swollen eyes.

Q.5. Otosclerosis is a common cause of conductive deafness. Which of the following statements is true?

1. Hearing aids usually restore hearing.
2. Air conduction is more effective than bone conduction.
3. Stapedectomy is the treatment of choice.
4. A patient is usually unable to hear low tones.

Q.6. Tympanoplasty is surgically performed to:

1. Close a perforation.
2. Prevent recurrent infection.
3. Re-establish middle ear function.
4. Correct ear deformity.

Q.7. First line management of allergic rhinitis includes:

1. Plenty of oral fluids, rest, mouth gurgles.
2. Antihistamines, antibiotics, analgesics.
3. Rest, antihistamines, plenty of oral fluids.
4. High protein diet, rest, antibiotics.

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) E N T– 10 MARKS**

Q.8. Indications of ear syringing include:

1. Remove foreign bodies, remove excess wax, treat otitis media.
2. Remove foreign bodies, remove excess wax, before tampanoplasty.
3. Remove foreign bodies, before tympanoplasty, treat otitis media.
4. Remove excess wax, before typanoplasty, treat otitis media.

Q.9. ….. protects the middle ear and conduct sound vibrations from the external to the ossicles:

1. Typhanic membrane.
2. Chochlea.
3. Semi-circular canals.
4. Membraneous labyrinth.

Q.10. Mucus in the nasal mucosa is continuously secreted by the:

1. Cilia.
2. Septum.
3. Goblet cells.
4. Nasopharynx.

**PART TWO: SHORT ANSWER QUESTIONS – E N T – 20 MARKS**

Q.1. Draw a well labelled diagram of the ear. 6 marks

Q.2. Briefly explain the following:

1. Weber test.
2. Rinne test. 6 marks

Q.3. Briefly explain the following procedures:

1. Tympanoplasty.
2. Ossicoloplasty.
3. Mastoidectomy. 6 marks

Q.4. State two (2) nursing diagnosis of a patient with rhinitis. 2 marks

**PART THREE: LONG ANSWER QUESTIONS – E N T – 20 MARKS**

Q.1. The ear is a vital part of the human body.

1. Define deafness. 1 mark
2. State the two (2) categories of deafness. 2 marks
3. Briefly explain the following:
4. Conductive hearing loss.
5. Sensorineural hearing loss.
6. Psychognic hearing loss. 6 marks
7. Discuss ear syringing under the following headings:
8. Preparations.
9. Indications.
10. Contraindications.
11. Technique.
12. Recording and reporting. 11 marks