**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR THREE SEMESTER ONE EXAMINATION**

**MARCH 2013 KRCHN CLASS (PRE-SERVICE)**

**OPHTHALMOLOGY EXAMINATION**

DATE: 10/9/2015 TIME 8.30 – 11.30 am

**INSTRUCTIONS**

1. Read the questions carefully and answer only what is asked.
2. Enter your examination number and question number on each page used.
3. ALL questions are compulsory.
4. For part 1 (MCQs), write the answer in the spaces provided on the answer booklet and each MCQ is one (1) mark.
5. For Part 2 (SHORT ANSWER QUESTIONS), answer the questions following each other.
6. For Part 3 (LONG ANSWER QUESTIONS), answer to each question MUST start on a separate page.
7. 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.
8. Do NOT use a pencil.
9. Mobile phones are NOT allowed in the examination hall.

For Examiner:

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| --- | --- | --- | --- | --- |
| **MCQS** | **SAQS** | **LAQS 1** | **LAQS 2** | **TOTAL** |
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**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) OPHTHALMOLOGY– 5 MARKS**

Q.1. Electro-diathermy is a surgical intervention in the management of:

1. Ureitis.
2. Retinal detatchment.
3. Retino blastoma.
4. Entropion.

Q.2. Keratoplasty is used in the treatment of:

1. Conjunctivitis.
2. Uveal melanoma.
3. Cornea ulceration.
4. Myopia.

Q.3. Myopia is corrected by:

1. Concave lens.
2. Convex lens.
3. Antibiotics.
4. Keratoplasty.

Q.4. One of the following is used to measure intraocular pressure of the eye:

1. Tonometry.
2. Genioscopy.
3. Ophthalmoscope.
4. Microscope.

Q.5. Retinoblastoma is treated by:

1. Nucleation, radiotherapy and chemotherapy.
2. Electrodiathermy.
3. Cryosurgery.
4. Photo coagulation.

**PART TWO: SHORT ANSWER QUESTIONS – OPHTHALMOLOGY – 10 MARKS**

Q.1. Describe the viral pathway. 4 marks

Q.2. List four (4) predisposing factors of bacterial inflammation of the cornea. 2 marks

Q.3. State four (4) causes of conjunctivitis. 4 marks

**PART THREE: LONG ANSWER QUESTIONS – OPHTHALMOLOGY – 20 MARKS**

Q.1. State two (2) types of glaucoma. 2 marks

Q.2. Describe the pathophysiology of open angle glaucoma. 5 marks

Q.3. Describe the management of glaucoma till discharge. 13 marks