**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR THREE SEMESTER ONE EXAMINATION**

**MARCH 2015 KRCHN CLASS (PRE-SERVICE)**

**OPHTHALMOLOGY EXAMINATION**

DATE: …………………… TIME:…………………..

**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:

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

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) OPHTHALMOLOGY– 5 MARKS**

Q.1. The following test is done for peripheral vision and in suspect of the optic nerve damage:

1. Visual acuity.
2. Colour vision.
3. Visual field.
4. None of the above.

Q.2. Direct visualization of the junction of the iris and cornea is done by use of:

1. Steroids.
2. Ophthalmoscope.
3. Tonometer.
4. Gonio scope.

Q.3. Mydriatics are used to:

1. Dilate the pupils.
2. Stimulate parasympathetic system.
3. Constrict the pupils.
4. Maintain thin film over the cornea.

Q.4. Eye problems can be as a result of the following except:

1. Age and comorbid conditions.
2. Poverty and self-esteem.
3. Occupation and inheritance.
4. Drug toxicity and exposure to radiation.

Q.5. Uveal tract consists of:

1. Retina, ciliary body and optic disc.
2. Choroid, cornea and retina.
3. Iris, choroid and ciliary body.
4. All of the above.

**PART TWO: SHORT ANSWER QUESTIONS – OPHTHALMOLOGY – 25 MARKS**

Q.1. State four (4) at risk group of developing cataract. 4 marks

Q.2. Outline four (4) uses of an ophthalmoscope. 4 marks

Q.3. List four (4) types of drugs used for eye treatment. 2 marks

Q.4. Explain five (5) clinical features of cornea ulcer. 5 marks

Q.5. State five (5) complications following keratoplast. 5 marks

Q.6. State four (4) indications of tear substitutes. 4 marks

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

Q.1. Mr Ben is diagnosed of having acute angle closure glaucoma.

1. Define glaucoma. 1 mark
2. Briefly state four (4) classifications of glaucoma. 4 marks
3. Explain the clinical features of acute angle closure of glaucoma in stages. 5 marks
4. Outline the health message to Mr Ben while in the ward. 10 marks