**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

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

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

**ENDOCRINE CONDITIONS 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) ENDOCRINE– 10 MARKS**

Q.1. Complications of diabetic mellitus is mainly due to:

1. High blood sugars.
2. Raised serum lipids.
3. Raised glucagons.
4. Raised urine sugars.

Q.2. Confirmatory signs of hyperthyroidism include:

1. Extreme coldness, generalized osteoitis, fibrosa cystica.
2. Loss of weight, increased neuromuscular excilibility, tachycardia.
3. Warm skin, exophthalmos, painful finger spasms.
4. Sweating, decreased metabolic rate.

Q.3. The following is true about dwarfism:

1. Only generic.
2. Characteristic of adult height of 147 cm.
3. Characterized by adult height of more than 4ft and 7 inches.
4. Poor nutrition during pregnancy is not a cause.

Q.4. Growth hormone levels increase during the following except:

1. Rest.
2. Exercise.
3. Starvation.
4. Sleep.

Q.5. Somalostalin is secreted by:

1. Liver.
2. Pancreas.
3. Duodenum.
4. Thyroid.

**PART TWO: SHORT ANSWER QUESTIONS – ENDOCRINE – 20 MARKS**

Q.1. State three (3) causes of Simmonds’s disease. 6 marks

Q.2. State three (3) complications of dwarfism. 6 marks

Q.3. Explain health messages given to patients with diabetic mellitus. 6 marks

Q.4. Differentiate diabetic mellitus and diabetic inspidus. 4 marks

Q.5. State pathophysiology of Addison’s disease. 3 marks

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

Q.1. Master Kennedy has just been admitted to your institution with a diagnosis of gigantism.

1. Compare and contrast gigantism and acromegaly. 4 marks
2. State four (4) signs and symptoms of gigantism. 4 marks
3. State five (5) goals of management of gigantism. 5 marks
4. Outline the specific nursing management of gigantism. 7 marks