**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR TWO SEMESTER ONE EXAMINATION**

**MARCH 2016 KRCHN CLASS (PRE-SERVICE)**

**ENDOCRINE 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:

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

**PART ONE: MCQ (MULTIPLE CHOICE ANSWER QUESTIONS) ENDOCRINE – 5 MARKS**

Q.1. In patients with Cushing’s syndrome you would expect to find:

1. Hypotension
2. Hypoglycaemia
3. Cool clammy skin
4. Central obesity

Q.2. Modifiable risk factors for diabetic mellitus include:

1. Hypertension
2. A genetic
3. Pancreatic diseases
4. Lifestyle

Q.3. A positive trousers’ sign is a manifestation of:

1. Hypokalemia
2. Hypoglycaemia
3. Hypocalcemia
4. Hypermagnesemia

Q.4. The following characteristics describes which type of cretinism; occur in specific regions, marked by deafness, mutism and motor dysfunction:

1. Pandemic
2. Endemic
3. Sporadic
4. Athrotic

Q.5. Very thin people but health people suffering from diabetic take insulin to:

1. Increase muscle mass
2. Increase fat deposits
3. Increase bone mass
4. All of the above

**PART TWO : SAQ (SHORT ANSWER QUESTIONS) ENDOCRINE– 20 MARKS**

Q.1. State the pathophysiology of acromegaly. 4 marks

Q.2. State four indications for surgical intervention for thyroid disorders 4 marks

Q.3. Explain three classical features of pheochromocytoma 6 marks

Q.4. State two differences between DKA and HHNKS 4 marks

Q.5. Formulate two nursing diagnoses for a patient with diabetic mellitus 2 marks

**PART THREE : LAQ (LONG ANSWER QUESTIONS) ENDOCRINE– 20 MARKS**

Q.1. Mrs X admitted with a diagnosis of diabetic insipidus.

1. Differentiate diabetic insipidus from SIADH. 2 marks
2. Explain two types of diabetic insipidus. 4 marks
3. State four causes of diabetic insipidus 4 marks
4. Describe management of Mrs X till discharge. 10 marks