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NCS 8132



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

FIRST YEAR, THIRD TRIMESTER EXAMINATIONS

MAIN EXAMINATION

**FOR THE DEGREE
OF
MASTER OF SCIENCE IN NURSING (MEDICAL SURGICAL
NURSING)**

COURSE CODE: NCS 8132

COURSE TITLE: ENDOCRINOLOGY NURSING

DATE: TUESDAY 26TH JULY, 2022

TIME: 11.30AM-2.30PM

INSTRUCTIONS TO CANDIDATES

ANSWER ALL QUESTIONS

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

ATTEMPT ALL QUESTIONS (100 Marks)

1. While working in a medical unit in Kakamega County Hospital, you come across a 32 years old patient by the name Miss Q. On examination, Miss Q, portrayed the following clinical features/characteristics; Abnormally tall stature, growth of the face, hands and feet, with thickened facial features. On further examination; you also realize that the patient had been having irregular menstrual cycles and episodes of excessive perspiration.

- (a). What could be the likely diagnosis of miss Q (1 Mark)
- (b). Explain the likely causes of her condition (6 Marks)
- (c). Describe three likely tests and their rationale of performing/doing those tests...tests that would likely help you in confirming the likely diagnosis of her condition (6 Marks)
- (d). Explain any two medical management strategies that can be employed in managing the condition you had describe in (a) above (5 marks)
- (e). Describe at least two actual and potential nursing diagnosis that you would likely came up with in the process of managing this patient in the ward (2 Marks)

2.

(a) Explain the ways in which parathyroid hormone, control calcium levels in the blood (6 Marks)

(b) As a nurse, how will you manage a patient with parathyroid hormone disorders (6 Marks)

3. (a) Explain physiological roles of the following sex hormones in human body

- (i) Testosterone (10 Marks)
- (ii) Progesterone (10 Marks)

(b) Describe the likely causes, probable mode of diagnosis, nursing and medical management of the following hormonal reproductive system disorders (18 Marks=6 Marks each)

- (i) Turner syndrome,
- (ii) Klinefelter syndrome,
- (iii) Kallmann syndrome

4. Discuss the disorders, signs & symptoms and the management related to the following hormonal disruptions

- (a) ADH (15 Marks)
- (b) Insulin (15 Marks)

End.