

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF MEDICINE

BACHELOR OF MEDICINE AND BACHELOR OF SURGERY DEGREE
PART 2 EXAMINATIONS

MBM 2103 : REPRODUCTIVE SYSTEMS AND ENDOCRINOLOGY

DATE : DECEMBER 2006

TIME : 3 HOURS

Instructions to Candidates

Answer all questions

SECTION A

1. Describe the blood supply and lymphatic drainage of the vagina, cervix and uterus. (20)
2. Give detailed account of the synthesis and physiologic effects of the hormones secreted by the adrenal medulla. Discuss clinical conditions associated with over production of adrenal medulla hormones. (20)

SECTION B

3. List the bones that form the pelvic GIRDLE, their articulations and ligaments. (6)
4. Describe the os-sacrum and the os-coccyges. (6)
5. Describe the component bones of the pelvis major and pelvis minor. (4)
5. Give a description of the bones and the muscles that form the pelvic diaphragm. (4)

7. Urine formation continues throughout foetal life. Sequentially name urogenital structures from primitive to definitive excretory structures. (10)
8. Write notes on physiologic effects of thyroid hormones. (5)
9. Briefly describe synthesis and actions of 1,25 dihydroxycholecalciferol. (10)
10. What factors affect normal growth? Name the different types of dwarfism. (10)
11. With aid of a diagram outline the renin-angiotensin system. (5)

END OF EXAMINATION