

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 : 2006 JUNE

TIME : 3 HOURS

Instructions to Candidates

Answer all questions

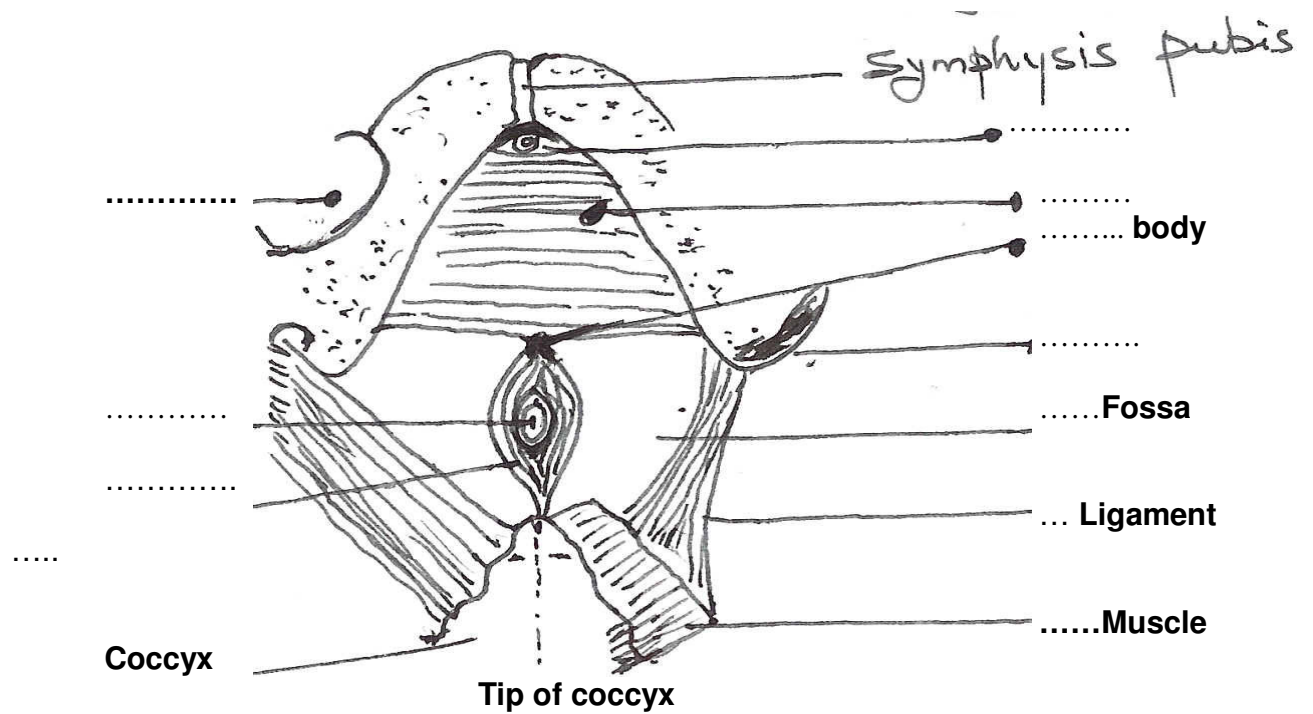
SECTION A

1. Describe biosynthesis, chemistry, secretion (including control mechanisms) and physiologic effects of thyroid hormones. What would be the consequences of over/under production of the thyroid hormones? (20)
 2. Describe the structures and function of the prostate gland, seminal vesicles, and Cow per's glands. (20)
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SECTION B

3. Describe the changes that take place in the ovary every 28 days. (10)
4. Compare the physiological roles of noradrenaline and adrenaline. (6)
5. Describe synthesis and physiological actions of 1,25-dihydroxycholecalciferol. (8)
6. Describe causes and clinical signs of tetany. (7)
7. Describe the synthesis and structure of human insulin. (5)

8. PERINEUM – complete the labeling. (10)



9. Write short notes on cushing syndrome. (8)
10. Describe the physiological functions of oxytocin. (6)

END OF EXAMINATION