



UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES, MIHINTALE

B.Sc. (General) Degree in Applied Sciences
Second Year – Semester II Examination – October/November 2017

BIO 2108 – MAMMALIAN REPRODUCTIVE PHYSIOLOGY AND
DEVELOPMENTAL BIOLOGY

Time: One and half (1 ½) hours

Answer ALL questions.

1. a) Describe briefly human genital development during early life. (30 marks)
b) Outline the hormonal changes which occur during pregnancy and the functions of each hormone. (40 marks)
c) Explain the role of FSH and LH hormones in human reproduction. (30 marks)
2. Write notes on the following;
 - a) erectile dysfunction (25 marks)
 - b) epididymis (25 marks)
 - c) testosterone hormone (25 marks)
 - d) spermatogenesis. (25 marks)
3. a) Define the term 'contraception'. (20 marks)
b) Describe the mechanism of hormone based contraception. (40 marks)
c) Discuss advantages and disadvantages of barrier methods in contraception. (40 marks)

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