



RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES, MIHINTALE

B.Sc. (General) Degree in Health Promotion
First Year – Semester II Examination – February/March 2013

HPT 1107 – REPRODUCTIVE PHYSIOLOGY AND DEVELOPMENT BIOLOGY

Time: 1 1/2 hours

Answer all questions.

Illustrate your answers with labeled diagrams where appropriate.

- 01.** a) List five hormones that regulate the menstrual cycle. (20 marks)
 b) Describe the functions of each of the hormone you listed in part “a” (40 marks)
 c) Briefly describe the “milk let – down reflex”. (40 marks)
- 02.** a) Explain the term contraception. (10 marks)
 b) Discuss the characteristics of an effective contraceptive method. (50 marks)
 c) Briefly describe the physiological basis of permanent contraceptive methods. (40 marks)
- 03.** Write short notes on any two of the following.
- a) In – Vitro Fertilization (50 marks)
 b) Congenital abnormalities (50 marks)
 c) Cleavage of the zygote (50 marks)