



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA
Final Examination for Medical Degrees May 2013
OBSTETRICS & GYNAECOLOGY – PAPER I

Tuesday 21st May 2013

1.00 pm – 4.00 pm
(3 hours)

Answer All Six Questions
Answer Each Question in a Separate Book
No Additional Papers will be Issued to Provide Answers
Operative Details Not Required

1. A 26 year - old woman presents in her second pregnancy at 36 weeks of gestation, with an uncomplicated pregnancy. She has had an emergency Caesarean section for cord prolapse two years earlier. Discuss her further management. (100 marks)

2.
 - 2.1. A 30 year - old woman with two previous normal vaginal deliveries and an uncomplicated current pregnancy, presents at 32 weeks of gestation with lower abdominal pain. Other than preterm labour, list five important possible causes for abdominal pain in this woman. (20 marks)
 - 2.2 Describe how the diagnosis of preterm labour could be established. (35 marks)
 - 2.3 Justify the management of this woman if she is in preterm labour. (45 marks)

3. A mother who has had a forceps delivery four days earlier, is admitted to hospital with a temperature of 39^oC.
 - 3.1 List five possible obstetric causes for her fever. (20 marks)
 - 3.2 List five currently important, non-obstetric causes which should be considered as being possible causes for her fever. (15 marks)
 - 3.2 List six investigations which should be carried out to establish the obstetric causes mentioned in 3.1 (15 Marks)
 - 3.3 Outline the principles of management of one of the obstetric conditions mentioned in 3.1 (50 Marks)

- 4.
- 4.1 Define the term 'miscarriage'. (10 marks)
- 4.2 A 24 year - old nulliparous woman is admitted to hospital with a period of amenorrhoea of 11 weeks and a brownish vaginal discharge. On vaginal examination the uterus is eight weeks in size and the cervical os is closed. A trans-vaginal ultrasound scan shows an intrauterine pregnancy with an eight week size embryo. The fetal heart beat cannot be visualised. Discuss the further management of this woman. (50 marks)
- 4.3 Discuss the management of this woman if the fetal heart beat was present on trans-vaginal scan. (40 marks)
5. A 48 year- old woman who has five children presents with a history of irregular and heavy vaginal bleeding of three months duration.
- 5.1 Explain the value of the following, and state the expected findings.
- 5.1.1 General examination (15 marks)
- 5.1.2 Pelvic examination (20 marks)
- 5.1.3 Trans-vaginal scan (20 marks)
- 5.2 If all the above examinations are found to be normal, describe the appropriate management (45 marks)
6. A 32 year - old woman with primary subfertility for four years, is admitted for a diagnostic laparoscopy and Chromo Hydrotubation (Tubal patency testing).
- 6.1 Briefly describe how this woman should be prepared for the above procedure. (25 marks)
- 6.2 List five complications of this procedure. (15 marks)
- 6.3 On the third day following this procedure she is re-admitted to hospital with severe abdominal pain, vomiting and fever. On examination she is not pale and there is marked tenderness in the lower abdomen. The bowel sounds are absent. What is the most likely diagnosis? (10 marks)
- 6.4 Outline the principles of management of the condition mentioned in 6.3 (50 marks)