

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FINAL EXAMINATION FOR MEDICAL DEGREES—May 2015**  
**OBSTETRICS AND GYNAECOLOGY Paper II**



Date: 12.05.2015

Time: 03 hours

ANSWER ALL THE SIX QUESTIONS

Answer each question in separate answer book

- 01      **A 30 year old para two was admitted to the obstetric ward with a blood pressure of 160/110mmHg at 37 weeks of gestation. She was complaining of headache and her tendon reflexes were exaggerated. Her previous baby was delivered by caesarean section due to fetal distress.**
- 1.1    What immediate general measures would you take in managing this patient? (25 Marks)
- 1.2    Mention the investigations you would order in this patient with reasons. (25 Marks)
- 1.3    Describe the pharmacological treatment of this patient. (25 Marks)
- 1.4    What further assessment of this patient will be needed with regards to delivery of this fetus? Give reasons. (25 Marks)
- 02      **An 18 year old primigravida presented to the antenatal clinic with a hemoglobin level of 8.5g/dl at 20weeks of gestation. She was asymptomatic and was living with her family.**
- 2.1    Mention the possible causes for the anemia in this woman. (25 Marks)
- 2.2    Discuss the investigations that would help you in managing this patient. Give reasons. (25 Marks)
- 2.3    Enumerate the complications that could be expected in this mother due to anemia. (25 Marks)
- 2.4    How would you treat her if the anemia was due to iron deficiency? (25 Marks)
- 03      **Discuss the importance of screening for diabetes in the antenatal population.** (100 Marks)

04

**A 29 year old subfertile woman presented with dysmenorrhoea and deep dyspareunia. She was suspected to have pelvic endometriosis.**

- 4.1 Describe the possible examination findings to support the diagnosis of endometriosis. (25 Marks)
- 4.2 Mention three investigations that are useful in confirming the diagnosis indicating possible findings. (25 Marks)
- 4.3 Briefly discuss medical treatment of endometriosis indicating the side effects of each medication you mentioned. (25 Marks)
- 4.4 Mention the indications for surgical treatment of endometriosis. (25 Marks)

05

**A 25 year old woman presented to the Gynaecology ward with severe lower abdominal pain of 4 hours duration and vaginal spotting. She was clinically pale, pulse rate 100 beats/min, and blood pressure was 90/60 mm Hg. Her last menstrual period was six weeks back and her urine hCG was positive.**

- 5.1 Mention three differential diagnoses for this presentation and highlight the most likely diagnosis, give reasons. (25 Marks)
- 5.2 How would you investigate her to confirm your diagnosis? (25 Marks)
- 5.3 Describe the treatment of this patient. (25 Marks)
- 5.4 Briefly mention your advice to this woman on discharge. (25 Marks)

06

**Discuss the options of contraceptive available in Sri Lanka for a woman who had an uncomplicated term vaginal delivery.** (100 Marks)