



UNIVERSITY OF JAFFNA, SRI LANKA
FINAL EXAMINATION FOR MEDICAL DEGREES—March 2019
OBSTETRICS AND GYNAECOLOGY Paper II

Date: 19.03.2019

Time: 03 hours

ANSWER ALL THE FIVE QUESTIONS

Answer each question in separate answer book

- 1 **A 30-years-old Primigravida presented to the emergency unit with a complained of dribbling for 1 hour duration at 35 weeks of POA. Speculum examination revealed liquor and a loop of cord within the vagina. She was 3 cm dilated.**
- 1.1 What initial steps you would take in this urgent situation? (25 Marks)
- 1.2 How you would assess the fetus in order to deliver it? Give reasons. (25 Marks)
- 1.3 If an emergency caesarean section is decided how you would prepare for the operation? (25 Marks)
- 1.4 Mention five risk factors for cord prolapse? (25 Marks)
- 2 **A 34-years-old para two with previous uncomplicated term vaginal delivery was found to have an abnormal oral glucose tolerance test at 26 weeks of POA. (fasting -120 mg/dl and second hour value - 170mg/dl) Her first trimester blood glucose screening was normal.**
- 2.1 Mention the likely diagnosis and give reasons. (25 Marks)
- 2.2 Discuss the initial management of this patient. (25 Marks)
- 2.3 How you would assess her glycemc control from now onwards until delivery? (25 Marks)
- 2.4 Mention four fetal complications that could occur as a result of poor glycemc control in the above patient. (25 Marks)

- 3 **A 36-year-old woman with 2 children born vaginally presented to the gynecology clinic with a complaint of abdominal discomfort and occasional difficulty in urination. Abdominal examination revealed a 18 weeks size uterus and an abdominal ultra sound scan confirmed a solitary fundal fibroid measuring 12cm X 10cm.**
- 3.1 Mention the common clinical presentations of patients with uterine fibroids. (25 Marks)
- 3.2 Discuss management options for symptomatic fibroids with reasons. (25 Marks)
- 3.3 If myomectomy is planned in this patient how you would prepare her for the operation? (25 Marks)
- 3.4 How you would monitor during the first 24 hours after the operation. (25 Marks)

- 4 **A 70-year-old woman is referred by a general practitioner with a reducible lump at vulva for 2 years duration. On examination she was found to have a utero vaginal prolapse and a moderate cystocele.**
- 4.1 How will you diagnose the degree utero vaginal prolapse in her? (25 Marks)
- 4.2 Discuss the treatment options available for her if the utero vaginal prolapse is second degree. (25 Marks)
- 4.3 If surgery is contemplated how will you prepare her? (25 Marks)
- 4.4 Mention the probable postoperative complications up to one week after a major vaginal surgery. (25 Marks)

- 5 **Critically evaluate the practice of universal iron supplementation for antenatal mothers in Sri Lanka.** (100 Marks)