



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

Date: 26.11.2019

Time: 03 hours

ANSWER ALL THE FIVE QUESTIONS

Answer each question in separate answer book

- 01      **A 26-year-old primigravida developed significant bleeding immediately following a forceps delivery. Her uterus was hard and contracted.**  
**She was clinically pale, pulse rate was 110 beats per minute and her blood pressure was 100/60mmHg.**
- 1.1      Mention the most likely cause with reasons. (25 Marks)
- 1.2      Describe immediate measures you would take in managing this patient? (25 Marks)
- 1.3      Briefly discuss further management of this emergency, considering the most likely cause. (25 Marks)
- 1.4      Briefly outline how would you estimate the blood loss following delivery. (25 Marks)

- 02      **A 30-year-old grand multiparus woman presented to the antenatal clinic with a hemoglobin level of 7g/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

**A 60-year-old post-menopausal woman presented with occasional lower abdominal pain of 3 months duration. An ultrasound scan performed revealed a left sided ovarian cyst measuring 8cm and 7cm.**

- 3.1 How would you proceed to make a risk assessment in this woman? (25 Marks)
- 3.2 How do you prepare her for laparotomy? (25 Marks)
- 3.3 Describe the findings at laparotomy that would suggest ovarian malignancy. (25 Marks)
- 3.4 How you would monitor her during the first 24 hours after laparotomy giving reasons. (25 Marks)

04

**A 30 year old woman at a period of amenorrhea of 14weeks presented with bleeding per vaginum of 2 days duration. She also mentioned that small vesicular structures were also passed with blood. Ultrasound scan was suggestive of a molar pregnancy.**

- 4.1 What further investigations you would perform before evacuation of the molar tissue? Give reasons. (25 Marks)
- 4.2 Briefly describe the follow up of this woman after evacuation. (25 Marks)
- 4.3 List five complications of a molar pregnancy. (25 Marks)
- 4.4 Mention indications for chemotherapy in this patient. (25 Marks)

05

**Discuss the complications of teenage pregnancy and approaches to minimize the incidence of teenage pregnancies.**

(100Marks)

