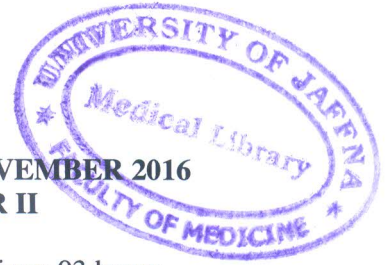


**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FINAL EXAMINATION FOR MEDICAL DEGREES–NOVEMBER 2016**  
**OBSTETRICS AND GYNAECOLOGY PAPER II**



Date: 22.11.2016

Time: 03 hours

ANSWER ALL THE FIVE QUESTIONS

Answer each question in separate answer book

- 01      **A 29 year old para twodeveloped heavybleeding immediately following vaginal delivery. She had no episiotomy and the 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 to 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)
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- 02      **A 32 year old primigravida was admitted to ward with a sudden onset of watery vaginal discharge of two hours duration at a POA of 32 weeks. The fetal heart rate was 142 beats /min and this pregnancy was uncomplicated until her admission.**
- 2.1      Describe the initial assessment of this patient after admission (25 Marks)
- 2.2      Mention further management of her condition. (25 Marks)
- 2.3      If this woman develops labour pain four days after her admission, how Would you manage her labour. (25 Marks)
- 2.4      Mention four common risks to fetus due to prematurity and measures that can minimize them (25 Marks)

03

**A 57 year old post-menopausal woman presented to the gynecology clinic with occasional lower abdominal pain. An ultrasound scan performed revealed bilateral ovarian cysts measuring 6cm and 5cm.**

- 3.1 How would you proceed to make a risk assessment in this woman? (25 Marks)
- 3.2 How do would 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 28 yr old woman was admitted to the gynecology ward with lower abdominal pain and vaginal discharge of two days duration. Her temperature was 100° F and appeared ill. She gave a history of sexual contact with her boyfriend last week and has used emergency contraception within 12hours.**

- 4.1 Mention the most likely diagnosis giving reasons and indicate three differential diagnosis. (25 Marks)
- 4.2 How you would assess and investigate her to arrive at a diagnosis? (25 Marks)
- 4.3 Describe the treatment for this patient's most likely diagnosis. (25 Marks)
- 4.4 Mention how you would manage her boyfriend with regard to her condition and briefly mention your advice to her on discharge. (25 Marks)

05

**Northern province has one of the highest teenage pregnancy rates in Sri Lanka.**

(100Marks)

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