



**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FINAL EXAMINATION FOR MEDICAL DEGREES - MARCH 2025**  
**ACADEMIC YEAR 2017/2018**  
**OBSTETRICS AND GYNAECOLOGY - PAPER II**

**Date: 18.03.2025**

**Time: 1.30 pm to 4.30 pm (03 hours)**

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- 01**      **A 34-year-old woman in her third pregnancy presents to the emergency unit with sudden onset of severe lower abdominal pain of one-hour duration. She is 32 weeks in to her current pregnancy and her previous two babies were delivered by caesarean sections.**
- She is clinically pale with a pulse rate of 110 beats/min and her blood pressure is 90/60 mmHg.**
- 1.1      How would you further evaluate her in order arrive at a diagnosis? (30 Marks)
- 1.2      Mention three differential diagnosis and indicate the most likely diagnosis with reasons. (30 Marks)
- 1.3      Describe further management of this emergency, considering the most likely diagnosis mentioned in 1.1. (40 Marks)
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- 02**      **A 28-year-old primigravida presents to the antenatal clinic at 16 weeks of gestation with her routine antenatal investigations.**
- Her Full blood Count reveals: Hb-7.9g/dL, MCV-65 fl, MCH-20.9pg, MCHC-28.3g/dL. PCV 26%, Platelets 340 X 10<sup>3</sup>/dl.**
- 2.1      Mention the most likely diagnosis and describe how you would further assess this pregnant woman to confirm it. (40 Marks)
- 2.2      Enumerate two maternal and two fetal complications of above condition mentioned in 2.1. (20 Marks)
- 2.3      Briefly discuss how you would treat the condition you mentioned in 2.1 to improve the outcome of this pregnancy. (40 Marks)

- 03      A 35-year- old married nulliparous woman attends gynaecology clinic with heavy menstrual bleeding for the last two years. She complains of progressive tiredness over the last six months. On examination a twenty-week size firm mobile pelvic mass is palpable.**
- 3.1    Mention the most likely diagnosis and give reasons. (30 Marks)
- 3.2    How would you further investigate this woman? (30 Marks)
- 3.3    Discuss management options available for this woman considering her wish to conceive. (40 Marks)
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- 04      60-year-old post-menopausal woman presents to the gynaecology clinic with a recent onset of malodourous, blood-stained vaginal discharge. Speculum examination reveals a 2 cm friable cervical growth with contact bleeding, suspicious of a malignancy. She has had three vaginal births in the past and had never undergone cervical screening.**
- 4.1    Briefly describe how you would proceed to make a definitive diagnosis and stage this disease. (40 Marks)
- 4.2    Mention the commonest histological type and the aetiology of her condition. (20 Marks)
- 4.3    Discuss how this malignancy would have been prevented generally in women. (40 Marks)
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- 05      All pregnant mothers are screened for syphilis infection during early pregnancy in Sri Lanka. Discuss the importance and its usefulness. (100 Marks)**