



UNIVERSITY OF JAFFNA, SRI LANKA
FINAL EXAMINATION FOR MEDICAL DEGREES (1ST)-MARCH 2022
ACADEMIC YEAR 2014/2015
OBSTETRICS AND GYNAECOLOGY - PAPER II

Date: 14.03.2022

Time: 03 hours (1.30 pm to 4.30 pm)

ANSWER ALL THE FIVE QUESTIONS

Answer each question in the specified answer book

01 A 28 year old primigravida with an uncomplicated antenatal history delivered a 3600 g baby vaginally at 38 weeks of gestation. Her third stage of labour was managed actively and the placenta was complete. 30 minutes after suturing the episiotomy she developed postpartum bleeding with an estimated blood loss of 1200 ml. Her uterus was relaxed extending above the umbilicus. She was mildly pale, Pulse rate 100 beats/min, BP-100/70 mmHg. Her pre delivery Hb was 12.6g/dl.

- 1.1 Mention the most likely cause for her postpartum haemorrhage with reasons. (20 Marks)
- 1.2 Describe the immediate measures you would take in managing this patient? (30 Marks)
- 1.3 Briefly discuss further management of this emergency, considering the most likely cause. (30 Marks)
- 1.4 Mention the components of active management of third stage of labour. (20 Marks)

02 A 30 year old primigravida was found to have a blood pressure of 160/100mm Hg measured six hours apart during her antenatal visit at 30 weeks of gestation. She was asymptomatic and her fetal movements were satisfactory.

- 2.1 Mention the investigations you would perform in this patient with reasons. (25 Marks)
- 2.2 Justify the initiation of anti-hypertensive treatment to this patient. (25Marks)
- 2.3 Name two drugs that could be used as first line treatment to control her blood pressure and brief their modes of action. (25Marks)
- 2.4 Mention two maternal complications that could result in this patient with underlying pathophysiology (25Marks)



- 03** **A 68 year old woman presents to the gynaecology clinic with a gradually enlarging reducible lump at vulva for 2 years duration. On examination she was found to have utero vaginal prolapse and a moderate cystocele.**
- 3.1 Briefly mention the degrees of utero vaginal prolapse. (25 Marks)
- 3.2 Discuss the treatment options available for her if the utero vaginal prolapse is third degree. (25 Marks)
- 3.3 Mention the probable postoperative complications up to one week after a major vaginal surgery. (25 Marks)
- 3.4 How would you advise her on discharge home after a major vaginal surgery? (25 Marks)
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- 04** **A 28 year old woman presents to the gynaecology clinic as her previous three pregnancies resulted in spontaneous first trimester miscarriages. She is otherwise healthy and not on any treatment.**
- 4.1 List the likely causes for her recurrent miscarriages. (20 Marks)
- 4.1 Mention how you would investigate her in view of finding a cause for her recurrent miscarriages with reasons. (50 Marks)
- 4.2 Mention the most common medical condition that results in recurrent miscarriages and the available treatment options to improve the outcome of future pregnancy. (30 Marks)
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- 05** **The world health organization (WHO) in 2020 announced a strategy to accelerate the elimination of cervical cancer. Critically analyse the strategies currently implemented in Sri Lanka to achieve this goal.** (100 Marks)