

UNIVERSITY OF JAFFNA, SRI LANKA
FINAL EXAMINATION FOR MEDICAL DEGREES - JUNE 2020
OBSTETRICS AND GYNAECOLOGY - PAPER II

Date: 16.06.2020

Time: 03 hours

ANSWER ALL THE FIVE QUESTIONS

Answer each question in separate answer book

01. **A 25-year-old primigravida is admitted to the emergency treatment unit with generalized convulsions at a POA of 36 weeks. Her blood pressure is 170/110mmHg and has 2+ of protein in the urine. At present she is in a postictal state.**

- 1.1 Describe how you would assess this pregnant woman on admission. (25 Marks)
- 1.2 What immediate general measures you would take in managing this patient? (25 Marks)
- 1.3 Describe the pharmacological treatment for her high blood pressure. (25 Marks)
- 1.4 What measures you will take to prevent further fits in this patient. (25 Marks)

02. **A 28-year-old Para two with previous one uncomplicated term vaginal delivery presents with a history suggestive of dribbling of 2-hour duration without labour pains. Currently she is 33 weeks and 2 days in to her pregnancy and her pregnancy has been uncomplicated until her admission.**

- 2.1 Describe the initial assessment of this patient to confirm your diagnosis. (25 Marks)
- 2.2 Mention the measures you will take to minimize complications due to dribbling in this woman. (25 Marks)
- 2.3 If this woman develops labour pain one week after her admission, how you would manage her. (25 Marks)
- 2.4 List three complications to the fetus and mother as a result of dribbling at 33+ weeks. (25 Marks)

03. **A 60-year-old post-menopausal woman presents with occasional lower abdominal pain of 3 months duration. An ultrasound scan performed reveals 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 presents with bleeding per vaginum of 2 days duration. She also mentioned that small vesicular structures were also passed with blood. An ultrasound scan was suggestive of a complete 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 in Sri Lanka.** (100 Marks)