

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FINAL EXAMINATION FOR MEDICAL DEGREES–APRIL 2011**  
**OBSTETRICS AND GYNAECOLOGY Paper II**

Date: 05.04.2011.

Time: 03 hours

ANSWER ALL THE SIX QUESTIONS

Answer each **PART** in separate answer book

**PART A**

1. **A 30 year old para 4 with one previous cesarean section was in labour. The labour was augmented with syntocinon. Suddenly she collapsed.**
  - 1.1. How would you diagnose ruptured uterus in this lady? (20 Marks)
  - 1.2. Briefly describe the management of this patient until she is taken to the theatre. (20 Marks)
  - 1.3. What are the likely causes of her uterine rupture? (20 Marks)
  - 1.4. Indicate the actions that would have prevented this outcome. (20 Marks)
  - 1.5. Indicate two other causes for intrapartum collapse –mention the clinical features of each condition (20 Marks)
  
2. **A 35 year old primipara was found to have diabetes complicating pregnancy at 29 weeks of gestation.**
  - 2.1. List the possible complications to her fetus until delivery. (20 Marks)
  - 2.2. Indicate the usefulness of ultrasound scan in this pregnancy. (20 Marks)
  - 2.3. How would you monitor her blood sugar control during the antenatal period? (20 Marks)
  - 2.4. Briefly discuss her delivery plan. (20 Marks)
  - 2.5. Why is pregnancy diabetogenic? (20 Marks)
  
3. **“The cesarean section rate is increasing”. Discuss the measures that should be taken to prevent the mortality due to cesarean section. (100 Marks)**

## PART B

4. **A 20 year old primigravida was admitted with bleeding per vagina after a period of amenorrhoea of ten weeks duration.**
- 4.1. How would you diagnose hydatiform mole in this patient? (20 Marks)
  - 4.2. Mention two other differential diagnoses for this presentation mentioned above. Indicate the clinical features of each condition. (20 Marks)
  - 4.3. Briefly discuss the possible complications of hydatiform mole in this lady? (20 Marks)
  - 4.4. Discuss the method of evacuating the H. Mole in this lady. (20 Marks)
  - 4.5. What contraception is suitable for her? Give reasons. (20 Marks)
5. **A 45 year old lady presented with heavy menstrual periods of eight months duration.**
- 5.1. How would you make the diagnosis of dysfunctional uterine bleeding in the lady? (20 Marks)
  - 5.2. Mention three other differential diagnosis for the presentation mentioned in the question. indicate the clinical features of each condition. (20 Marks)
  - 5.3. What are the indications for hysterectomy in this lady with dysfunctional uterine bleeding? (20 Marks)
  - 5.4. Describe the treatment with oral progestagens in this lady. (20 Marks)
  - 5.5. Briefly discuss about the treatment with GnRH in this patient. (20 Marks)
6. **A 15 year old girl was brought by her mother to the gynaecology clinic with excessive vaginal discharge. Discuss her management.** (100 Marks)