

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FINAL EXAMINATION FOR MEDICAL DEGREES-DEC.2010**  
**OBSTETRICS & GYNAECOLOGY Paper II**

Time: 03 hours

Date: 07.12.2010.

ANSWER ALL THE SIX QUESTIONS

Answer each **PART** in separate answer book

**Part A**

1. **A 30 year old primigravida at 39 weeks gestation was found to have fetal bradycardia during the first stage of labour.**
  - 1.1. Briefly explain the pathophysiology of fetal bradycardia in this patient. (20 Marks)
  - 1.2. Describe the possible CTG abnormalities of this lady. (20 Marks)
  - 1.3. List the immediate management of this labour within the next five minutes. (20 Marks)
  - 1.4. List the equipments needed for resuscitation of new born. (20 Marks)
  - 1.5. Briefly discuss the methods available to prevent fetal hypoxia. (20 Marks)
  
2. **A 35 year old para-4 at 32 weeks of gestation was found to have Hb% of 8 g/dl.**
  - 2.1. Briefly describe the effect of anaemia on this pregnancy. (20 Marks)
  - 2.2. List the possible causes for the anaemia in this lady. (20 Marks)
  - 2.3. Briefly discuss the antenatal management of this lady. (20 Marks)
  - 2.4. List the precautions that should be taken during labour to prevent post partum haemorrhage related deaths. (20 Marks)
  - 2.5. What are the causes of fetal anaemia ? Briefly explain the causative mechanisms of each. (20 Marks)
  
3. **A 27 year old para-2 was transferred from peripheral unit with a diagnosis of prolonged first stage of labour.**  
**Discuss her management until the delivery of fetus. (100 Marks)**

## Part B

4. **A 64 year old lady was found to have a pelvic mass.**
- 4.1. List the findings at abdominal and pelvic examination which would support the diagnosis of ovarian carcinoma. (20 Marks)
  - 4.2. How will measurement of CA<sub>125</sub> help in the management of this lady? (20 Marks)
  - 4.3. Briefly discuss the side effects of chemotherapy for ovarian carcinoma. (20 Marks)
  - 4.4. Briefly discuss the precautions that should be taken before laparotomy in this lady. (20 Marks)
  - 4.5. List the findings at laparotomy which would support the diagnosis of primary ovarian carcinoma. (20 Marks)
5. **A 44 year old nulliparous lady was found to have menorrhagia of six months duration.**
- 5.1. List the possible causes of her menorrhagia. (20 Marks)
  - 5.2. What are the possible histology findings of endometrial biopsy in this case? (20 Marks)
  - 5.3. Describe the treatment of menorrhagia with mefenamic acid. (20 Marks)
  - 5.4. Briefly discuss the possible indications for hysterectomy in this lady. (20 Marks)
  - 5.5. List the potential complications of Trans Cervical Resection of Endometrium.(TCRE) (20 Marks)
6. **A 23 year old mother of two children was admitted to the ward with bleeding per vagina associated with passage of clots and abdominal pain following a period of amenorrhoea of ten weeks .Her urine pregnancy test was positive  
Discuss her management.** (100 Marks)