



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA
Final Examination for Medical Degrees – August 2022

OBSTETRICS & GYNAECOLOGY – PAPER I

Tuesday 2nd August 2022

1.00 pm – 3.00 pm
(2 hours)

Answer all five questions

Answer each question in a separate book

Operative details are not required

1. Discuss the value of pre-conceptual care in order to improve outcome of pregnancy. (100 Marks)

2. A 32 year old multigravida with uneventful antenatal period in her second pregnancy has had low cavity forceps delivery due to prolonged second stage of labour 6 days ago. She presents to the postnatal ward with the history of fever, lower abdominal pain and purulent vaginal discharge for 2 days. She has no other medical co-morbidities. Her pulse rate is 90 bpm with the blood pressure of 110/70 mmHg.
 - 2.1 List **three (3)** possible causes for above presentation. (15 Marks)
 - 2.2 Discuss briefly the initial clinical evaluation of this patient. (30 Marks)
 - 2.3 Justify **five (5)** investigations you would arrange for this patient. (25 Marks)
 - 2.4 Outline the basic principles of management of this patient. (30 Marks)

3. A 28 year old woman with a history of previous caesarean delivery presents in her second pregnancy at 35 weeks of gestation with mild per vaginal bleeding.
 - 3.1 List **three (3)** possible causes for her presentation other than placental abruption. (15 Marks)
 - 3.2 Outline the initial clinical evaluation of this woman. (30 Marks)
 - 3.3 List **four (4)** investigations you would perform on this woman and justify your answer. (20 Marks)
 - 3.4 Discuss briefly the management of this woman if the diagnosis is placental abruption. (35 Marks)

P.T.O.

4. A 29 year old mother of two children presents to the postnatal clinic six weeks after uncomplicated vaginal delivery for contraceptive advice. She has no medical or surgical co-morbidities.
- 4.1 List **four (4)** contraceptive methods you would recommend her other than levonorgestrel (LNG) sub-dermal implant. (10 Marks)
- 4.2 Describe briefly the mode of action of LNG sub-dermal implant. (20 Marks)
- 4.3 List **five (5)** contraceptive benefits of LNG sub-dermal implant. (25 Marks)
- 4.4 List **four (4)** non contraceptive benefits of LNG sub-dermal implant. (25 Marks)
- 4.5 List **four (4)** complications that mother needs to return to the clinic following LNG sub-dermal implant insertion. (20 Marks)
- 5.
- 5.1 Define the term "miscarriage". (10 Marks)
- 5.2 Name different types of miscarriages other than silent miscarriage. (20 Marks)
- 5.3 How would you clinically diagnose silent miscarriage? (30 Marks)
- 5.4 Describe briefly the basic principles of the management of silent miscarriage in a primigravida at 12 weeks of gestation. (40 Marks)
