

UNIVERSITY OF JAFFNA, SRI LANKA
FINAL EXAMINATION FOR MEDICAL DEGREES—November 2014
OBSTETRICS AND GYNAECOLOGY Paper II



Date: 18.11.2014

Time: 03 hours

ANSWER ALL THE SIX QUESTIONS

Answer each question in separate answer book

- 01 **A 35 year old P5C4 woman develops heavy bleeding immediately following the delivery of the fetus, placenta and membranes. She was clinically pale and her uterus was soft and was above the umbilical level. Her pulse rate was 100 beats per minute and her blood pressure was 90/50mmHg.**
- 1.1 List three likely causes for her bleeding and mention the most likely cause with reasons. (25 Marks)
- 1.2 Briefly describe how you would confirm or exclude the causes mentioned above. (25 Marks)
- 1.3 Briefly discuss the management of this emergency, considering the most likely cause. (25 Marks)
- 1.4 List the precautions that should have been taken in this woman in anticipation of a postpartum hemorrhage. (25 Marks)
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- 02 **A 32 year old primi gravida was found to have a blood pressure of 140/100mmHg, during her antenatal visit at 36 weeks of gestation.**
- 2.1 List the possible risks to this mother and her fetus during the antenatal period. (25 Marks)
- 2.2 Mention the investigations you would do in this patient with reasons. (25 Marks)
- 2.3 What are the indications for admission of this patient to hospital? (25 Marks)
- 2.4 Mention two drugs that could be used as first line treatment to control her blood pressure and their modes of action (25 Marks)
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- 03 **Discuss how you could minimize or prevent Rh-isoimmunisation in women of reproductive age.** (100 Marks)

- 04 **A 50 year old school teacher complains of troublesome urinary symptoms of stress incontinence and increased frequency. Her symptoms have been worsening over the last one year.**
- 4.1 Mention how you would clinically assess this patient? (25 Marks)
 - 4.2 Mention how you would further investigate her giving reasons. (25 Marks)
 - 4.3 If further investigations reveal urodynamic stress incontinence discuss your treatment options. (25 Marks)
 - 4.4 Mention the surgical procedures available to treat urodynamic stress incontinence and their advantages. (25 Marks)
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- 05 **A 40 year old woman presented to the gynecology clinic with a history of post coital bleeding of two weeks duration. On speculum examination there was a 1cm diameter growth on the cervix.**
- 5.1 Mention what further investigations that are useful in confirming the diagnosis and deciding on treatment. (25 Marks)
 - 5.2 Mention the treatment options for this patient if the diagnosis of her condition was Stage Ib1- squamous cell carcinoma of cervix. (25 Marks)
 - 5.3 Briefly describe the pathogenesis of carcinoma of cervix. (25 Marks)
 - 5.4 Mention the methods available for screening and prevention of carcinoma of cervix. (25 Marks)
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- 06 **Discuss how you would approach and investigate a primary subfertile couple married for 3 years who are attending a clinic for the first time?** (100 Marks)