

UNIVERSITY OF JAFFNA, SRI LANKA FINAL EXAMINATION FOR MEDICAL DEGREES - FEBRUARY 2023 ACADEMIC YEAR 2015/2016 OBSTETRICS AND GYNAECOLOGY - PAPER II

Date: 21.02.2023 Time: 03 hours

Answer each question in the specified answer book

- A 29 year old primigravida is admitted to the emergency treatment unit from the antenatal clinic with elevated blood pressure at 37 weeks of gestation. She complains of frontal headache and epigastric pain. Her blood pressure is 170/110mm Hg with positive ankle clonus.
 - 1.1 Describe how you would further assess this pregnant woman on (30 Marks) admission.
 - 1.2 Describe the pharmacological treatment for her condition with (40 Marks) reasons.
 - 1.3 Briefly discuss the delivery plan for this pregnant woman. (30 Marks)
- A 30 year old primigravida was diagnosed with twin pregnancy at 12 weeks of gestation.
 - 2.1 Mention four factors that predisposes a woman to conceive multiple (20 Marks) gestation.
 - 2.2 Explain the importance of determining the chorionicity of a twin (25 Marks) gestation early in pregnancy.
 - 2.3 If the chronicity is determined as dichorionic in the above patient, (30 Marks) discuss how you would plan her antenatal care until delivery.
 - 2.4 Mention the postpartum complications of a woman after twin (25 Marks) delivery.

- A 60 years old postmenopausal woman presents to the gynecology clinic with abdominal distension of three months duration. An ultrasound scan revels a left sided septate ovarian cyst measuring 7cm X 8cm and there was no ascites nor evidence of metastasis. Her CA-125 level is 200 U/ml.
 - 3.1 Mention **four** risk factors for ovarian cancer in women. (20 Marks)
 - 3.2 Calculate the risk of malignancy index (**RMI**) of this patient. (25 Marks)
 - 3.3 Mention the **three** major types of ovarian malignancies. (15 Marks)
 - 3.4 Outline the likely treatment option for the above patient with (40 Marks) reason.
- A 23 year old woman presented to the out patient department with a history of fever, diffuse lower abdominal pain and unusual heavy per vaginal discharge of two days duration. She gives a history of unprotected sexual contact with her partner for the first time, five days ago. Her temperature was 100° F.
 - 4.1 Mention **three** differential diagnosis and indicate the most likely (25 Marks) diagnosis giving reasons.
 - 4.2 How you would assess and investigate her to arrive at a diagnosis? (25 Marks)
 - 4.3 Describe the treatment for this patient's most likely diagnosis. (25 Marks)
 - 4.4 Mention how you would advise to her on discharge including managing (25 Marks) her asymptomatic partner.
- O5 Discuss the benefits of postpartum contraception and the strategies to improve its uptake.

(100 Marks)