



Cert Maternal & Fetal Medicine(SA)

## THE COLLEGES OF MEDICINE OF SOUTH AFRICA

Incorporated Association not for gain  
Reg No 1955/000003/08

Examination for the Subspecialty in Maternal & Fetal Medicine of the  
College of Obstetricians & Gynaecologists of South Africa

2 March 2017



Paper 1

Maternal Medicine

(3 hours)

*All questions are to be answered. Each question to be answered in a separate book (or books if more than one is required for the one answer)*

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- 1 Describe in detail the management of a pregnant patient presenting with overt pulmonary oedema within 24 hours of delivery. [40]
- 2 List and explain the mechanisms through which thromboembolism may develop in pregnancy. [40]
- 3 Describe the investigation and management of a pregnant woman with systemic lupus erythematosus. [40]
- 4 Outline a contemporary approach to the management of proteinuria detected after the 20<sup>th</sup> week of pregnancy. [40]
- 5 You have been referred a patient who has a conscientious objection to receiving blood transfusion. Outline your ethical obligations in treating this patient should transfusion be necessary. Motivate your opinions using ethical reasoning. [40]
- 6 Microangiopathic haemolytic anaemia (MAHA) may be diagnosed during pregnancy. Provide a differential diagnosis of conditions diagnosed in pregnancy that include features of MAHA and indicate the distinguishing clinical features for your differential diagnosis. [40]
- 7 Outline the counseling given to a primigravid woman presenting with preeclampsia at 32 weeks gestation. [40]
- 8 What is bias? Suggest some methods we might use to avoid bias in a clinical study. [20]



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Paper 2

Fetal Medicine

(3 hours)

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- 1 Describe the embryology of the fetal urinary system. [40]
- 2 Discuss the diagnosis and management of fetal hydrops. [40]
- 3 Describe the ultrasound diagnosis and significance of “closed” spina bifida in pregnancy. [40]
- 4 Discuss your approach to the development of a policy document for prenatal invasive diagnostic procedures in your fetal medicine unit. [40]
- 5 Discuss the significance, diagnosis and management of Parvovirus B19 infection in pregnancy. [40]
- 6 Discuss the antenatal diagnosis, factors affecting the prognosis and management of a space occupying lesion in the fetal chest. [40]
- 7 Briefly outline the role and scope for ultrasound in twin pregnancy. [30]
- 8 Discuss the advantages and disadvantages of routine screening for microdeletions. [30]