



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

21 February 2019



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)

- 1 Discuss myasthenia gravis in pregnancy under the following headings
 - a) Effect of pregnancy on myasthenia. (10)
 - b) Effect of myasthenia on pregnancy. (10)
 - c) Management. (20)[40]
- 2 Discuss your management of a patient with breast cancer in pregnancy. [20]
- 3 Discuss your approach in the management of a pregnant woman with suspected acute fatty liver in pregnancy. [40]
- 4 Discuss your approach to a mother that present with severe puerperal sepsis. [40]
- 5 Critically appraise interventions to reduce preterm labour. [30]
- 6 Discuss the advantages and challenges with intrapartum fetal heart rate monitoring. [30]
- 7 Discuss the effect of the following substances on pregnancy
 - a) Alcohol. (10)
 - b) Heroin. (10)
 - c) Marijuana. (10)[30]
- 8 Discuss ethical considerations of caesarean section on maternal request. [30]
- 9 Write short notes on the following
 - a) The management of Graves disease in pregnancy. (20)
 - b) Aspirin use in pregnancy. (20)[40]



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Paper 2

Fetal 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)

- 1 Discuss the value of first trimester ultrasound in the era of cell free fetal DNA. [30]
- 2 Write notes on the embryology of the respiratory system. [40]
- 3 On a routine 22-week anatomy scan, you find a unilateral ventriculomegaly of 17mm. Discuss the management and counseling of this patient. [30]
- 4 Discuss shunt-based procedures in fetal medicine. [30]
- 5 A 30-year-old P1G2 at 25 weeks of gestation with early sonar, is diagnosed with CMV IgM positive and IgG negative. Preconception CMV serology was negative. The patient is requesting termination of pregnancy. Discuss counseling and management of this patient. [30]
- 6 Discuss Noonan syndrome. [35]
- 7 Discuss selective intra uterine growth restriction in twin pregnancies. [35]
- 8 Discuss your approach to a patient presenting with polyhydramnios. [40]
- 9 Discuss the role of middle cerebral artery Doppler in obstetrics. [30]