

**UNIVERSITY COLLEGE LONDON**

*University of London*

**EXAMINATION FOR INTERNAL STUDENTS**

*For The Following Qualification:-*

*M.Sc.*

**M.Sc. Prenatal Genetics & Fetal Medicine: Fetal Medicine and Prenatal Diagnosis**

**COURSE CODE : PGFM0002**

**DATE : 09-MAY-03**

**TIME : 14.30**

**TIME ALLOWED : 3 Hours**

**MSc in Prenatal Genetics and Fetal Medicine**  
**Fetal Medicine**  
**9<sup>th</sup> May 2003**

There are two sections to this exam.

The short answer section makes up 25% of the marks for this paper.

The essay section counts for 75% of the marks (25% each essay).

**Section 1 - SHORT ANSWER SECTION**

This section makes up 25% of the examination.

**1. Write short notes on ALL of the following**

- a) Intra-uterine growth retardation
- b) Fetal blood sampling
- c) Congenital diaphragmatic hernia
- d) Screening for neural tube defects
- e) Parvovirus
- f) QF-PCR for a quick aneuploidy result on prenatal diagnosis samples

**Section 2 - ESSAY SECTION**

Answer three essays from this section.

Each essay counts for 25% of the examination.

1. Discuss the advantages and disadvantages of first trimester screening for Down Syndrome.
2. 'Routine fetal anomaly scanning does more harm than good'. Discuss this statement.
3. Describe the management of a pregnancy complicated by the finding of an anterior abdominal wall defect.
4. 'Second trimester sonographic markers of aneuploidy should be ignored'. Discuss.
5. Describe the screening, counselling and prenatal diagnosis of the haemoglobinopathies.

**END OF PAPER**