

University of London

**EXAMINATION FOR INTERNAL STUDENTS**

For The Following Qualifications:–

*Grad Dip M.Sc.*

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

**COURSE CODE : PGFM0002**

**DATE : 06–MAY–05**

**TIME : 14.30**

**TIME ALLOWED : 3 Hours**

**MSc/Diploma in Prenatal Genetics and Fetal Medicine**  
**Fetal Medicine**  
**6<sup>th</sup> May 2005**

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) Monochorionic twins
- b) Cytomegalovirus
- c) Alpha-fetoprotein
- d) Gastroschisis
- e) Congenital cystic adenomatoid malformation
- f) Prenatal diagnosis of the triplet repeat disorders

**Section 2 - ESSAY SECTION**

Answer **THREE** essays from this section.

Each essay counts for 25% of the examination.

- 1. What does an increased fetal nuchal translucency measurement mean?
- 2. Discuss critically the value of fetal surgery.
- 3. What diagnostic invasive procedures are available? What are their indications and risks and why has there been a reduction in their use?
- 4. Discuss the causes and management of intrauterine growth restriction.
- 5. Discuss the prenatal diagnosis of metabolic disorders, using examples.

**END OF PAPER**