

**UNIVERSITY COLLEGE LONDON**

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 : **07-MAY-04**

TIME : **14.30**

TIME ALLOWED : **3 Hours**

**MSc in Prenatal Genetics and Fetal Medicine**  
**Fetal Medicine**  
**7<sup>th</sup> May 2004**

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**