

UNIVERSITY COLLEGE LONDON

University of London

EXAMINATION FOR INTERNAL STUDENTS

For the following qualifications :-

M.Sc.

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

COURSE CODE : **PGFM0002**

DATE : **07-MAY-02**

TIME : **10.00**

TIME ALLOWED : **3 hours**

02-N0237-3-30

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TURN OVER

MSc in Prenatal Genetics and Fetal Medicine
Fetal Medicine
7th May 2002

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) Rhesus antibodies
- b) Gastroschisis
- c) Fetal DNA in maternal plasma
- d) Nuchal translucency
- e) Doppler ultrasound in the assessment of fetal well being
- f) Prenatal diagnosis of metabolic disorders

Section 2 - ESSAY SECTION

Answer three essays from this section.

Each essay counts for 25% of the examination.

1. Does fetal therapy do more harm than good?
2. Discuss the ethical issues in prenatal screening and diagnosis?
3. Discuss some of the difficulties in introducing a screening programme for Down syndrome.
4. Discuss the investigation and management of non-immune hydrops.
5. Describe the advances in cytogenetics, including the use of fluorescent technology. What changes, if any, have they made to prenatal diagnosis and screening?

END OF PAPER