

UNIVERSITY COLLEGE LONDON

University of London

EXAMINATION FOR INTERNAL STUDENTS

For The Following Qualification:–

B.Sc. (Intercal)

Immunology C318: Allergy, Immunodeficiency and Transplantation

COURSE CODE : IMMNC318

UNIT VALUE : 0.50

DATE : 17-MAY-06

TIME : 10.00

TIME ALLOWED : 3 Hours

IMMNC318 ALLERGY, IMMUNODEFICIENCY AND TRANSPLANTATION

You should take approximately 60 minutes for each essay and approximately 20 minutes for each short note.

Please answer each question in a separate book and write the question number clearly on each front page.

The fraction of the marks allocated to each section is as follows:

Section A: 120/180

Section B: 60/180

The in-course assessment constituted 15% of the final mark.

TURN OVER

IMMNC318 ALLERGY, IMMUNODEFICIENCY AND TRANSPLANTATION

SECTION A:

Choose **TWO** essays from the list below:

1. Immunotherapeutic approaches to the treatment of allergy.
2. The role of T-cells in atopic eczema.
3. Wiskott-Aldrich syndrome.
4. Compare and contrast the immunological consequence of bone marrow and solid organ transplant

SECTION B:

Write short notes on **THREE** of the following:

1. Mini-satellite and micro-satellite genetic polymorphism in allergy.
2. Adenosine deaminase and purine nucleoside phosphorylase deficiencies.
3. Immunodeficiencies affecting neutrophil rolling and adhesion.
4. The role of complement in allograft rejection.
5. Rhinitis.
6. Regulatory T-cells in transplantation.

END OF PAPER