



Queen Margaret University
EDINBURGH

SCHOOL OF HEALTH SCIENCES

**DIVISION OF DIETETICS, NUTRITION AND BIOLOGICAL SCIENCES,
PHYSIOTHERAPY, PODIATRY, RADIOGRAPHY**

LEVEL 2 DIET 2

MODULE CODE: D2129

MODULE TITLE: Immunology

<u>DATE: 20/02/2017</u>	<u>TIME: 9.30AM</u>
<u>WRITING TIME: 2 hours</u>	<u>READING TIME: 5 minutes</u>

INSTRUCTIONS:

Students should answer three out of the four questions.

PAPER SETTER: Dr Mary Warnock & Dr Lorna Fyfe

Answer three out of the following four questions:

1. Explain fully the mechanism of a Type IV Hypersensitivity response and provide three distinct examples.

20 Marks

2. Discuss the functions and distinguishing characteristics of the subclasses of T-lymphocytes.

20 Marks

3. Using diagrams and narrative describe the structures and functions of the five immunoglobulin classes

20 Marks

4. Describe the mechanisms involved in producing the beneficial and damaging effects of inflammation.

20 Marks

End of Paper