Module Title: Health and Disease 2
Level: Five
Time Allowed: Two hours and thirty minutes

Instructions to students:

- Enter your student number **not** your name on all answer books.
- Answer **two** out of **five** questions.
- All questions are **equally** weighted.
- Begin each answer in a separate answer book; label each answer book clearly with the number of the question you are answering.
- Neither books nor notes may be taken into the examination.

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Answer two of the following questions:

1. Compare and contrast the different pathways of complement activation.

2. Discuss the neurobiology of motor neurone disease including the neurological symptoms, pathological features and genetic causes.

3. Discuss the various treatment options for cancer. In constructing your answer you should include details of how the treatments you choose work (their mode of action) and comment on their potential strengths, compared to other treatments, and weaknesses too.

4. Discuss our current understanding of how schizophrenia may arise in the individual and outline how the disorder might be treated or prevented.

5. Discuss the possibility that dementia could be a preventable disease.

End of Paper