Summer Examinations 2016

SLS201016N

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

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 question 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.
- Students are not permitted to remove this examination paper from the examination room. For all purposes the examination paper remains the property of the University of Northampton.

No. of Pages 2
No. of Questions 5
Answer **two** of the following questions:

1. Discuss the role of the complement system in immunity.

2. Discuss possible mechanisms that might explain why physical activity is thought to prevent dementia.

3. Discuss how chemical agents (chemotherapy) can be used to treat cancer. In constructing your answer you should include details of at least two different chemotherapeutic agents, their mode of action, potential advantages over other treatments and/or limitations with their use.

4. Compare and contrast the genetic causes, symptoms and therapeutic strategies for the lysosomal storage disorders Tay-Sachs and Gaucher’s disease.

5. Discuss possible molecular and environmental factors that might contribute to the onset of depressive illness. Your answer should also include details of how depressive illness can be treated.

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End of Paper