Summer Examinations 2015

SLS201015N

 MODULE TITLE          Health and Disease 2
   LEVEL                Five
 TIME ALLOWED          Two hours

Instructions to students:

  • Please enter your student number **not** your name on all answer booklets.

  • Answer **two** out of five questions.

  • All questions are **equally** weighted.

  • Begin each answer in a separate booklet; label each booklet clearly with the number of the question you are answering.

  • Neither books nor notes may be taken into the examination.

  • You may not remove this examination paper from the examination room. For all purposes the examination paper remains the property of The University of Northampton.

<table>
<thead>
<tr>
<th>No. of Pages</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Questions</td>
<td>5</td>
</tr>
</tbody>
</table>
ANSWER TWO OF THE FOLLOWING QUESTIONS:

1. Give an account of the presentation of antigen on Major Histocompatibility Complex (MHC) class I and II, highlighting the differences between the two pathways.

2. Discuss current treatment options for cancer. In writing your answer you need include a detailed overview of how the treatments work. You should also discuss any potential limitations that are relevant to the treatments you describe.

3. Discuss possible molecular and environmental factors that might predispose people to depression and describe how depressive disorders can be treated. Include in your answer the possible advantages and disadvantages of any therapeutic strategies that you feel are relevant.

4. Discuss how human growth is regulated by the endocrine system and describe possible problems associated with abnormal regulation.

5. Discuss how atherosclerosis might develop in humans and provide details of how this disease might be prevented and treated.

END OF PAPER