Examination Period 3: 2016/17

SLS200317N

Module Title: Nutritional Perspectives of Health and Disease
Level: Five
Time Allowed: Two hours

Instructions to students:

- Enter your student number not your name on all answer books.
- Answer two questions: one from Section A and one from Section B.
- Begin each question in a separate answer book; label each answer book clearly with the number of the question you are answering.
- The use of electronic devices is not permitted.
- 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.

<table>
<thead>
<tr>
<th>No. of Pages</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Questions</td>
<td>4</td>
</tr>
</tbody>
</table>
Section A

Answer one out of two questions.

1. Vitamin E is mainly thought of in the role of protecting lipid membranes from reactive oxygen species (ROS), yet when it gets oxidized it is toxic. What other nutrient(s) needs to be considered in relation to how much Vitamin E is required. Explain why this is the case.

2. Anaemia affects about 1/3 of human beings, with iron deficiency making up a good portion of the cause. Discuss which nutrient interactions need to be considered when addressing this problem.

End of Section A
Section B follows overleaf
Section B

Answer one out of two questions.

3. Discuss growth from a nutritional perspective.

4. Discuss cardiovascular disease from a nutritional perspective.