Examination Period 3: 2017/18

SLS300118N

Module Title   Health, Risk and Environment
Level           Six
Time            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.

<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>

Page 1 of 2
Answer **two** out of **five** questions.

1. Nanotechnology has spread through all sectors of science and technology, yet there is uncertainty over the health and environmental impact of nanomaterials.

   Discuss the risks associated with the use of nanoparticles and if there are any sustainable solutions.

2. Discuss why exposure to asbestos is a health hazard.

3. Cardiovascular Disease is still a leading killer even after decades of research and advancement in treatment.

   Discuss sugar vs salt as dietary hazards in the development of Atherosclerosis, persuasively presenting a biologically based argument for which is having a greater impact on health.

4. What environmental aspects of the healthcare setting contribute to increasing levels of antibiotic resistant infections? Discuss measures that can be taken, both locally and on a global scale, to reduce the prevalence of antibiotic resistance.

5. Discuss the importance of epidemiology in relation to public health, referring to at least one infectious disease outbreak in your answer.

---

End of Paper