Examination Period 3: 2017/18

ANW303018N

Module Title          Advanced Wildlife Conservation and Management
Level                Six
Time Allowed          Two hours

Instructions to students:

• Enter your student number not your name on all answer books.
• Answer all questions.
• A total of 100 marks are available. Where a question has more than one part the division of marks is stated.

<table>
<thead>
<tr>
<th>No. of Pages</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Questions</td>
<td>3</td>
</tr>
</tbody>
</table>
Answer all questions.

1. Using relevant case studies to illustrate your answer:
   a. identify the strengths and weaknesses of using culling as a management strategy in the control of invasive species.
   b. recommend and justify an alternative management strategy that could be used in the control of invasive non-native species.

   (30 marks)

2. List one UK plant species which has European Protected Status and one UK amphibian species which has European Protected Status. Briefly describe and evaluate the methods you would use to obtain a population size estimation at a different hypothetical location for each of these species.

   (30 marks)

3. Critically evaluate the following statement:

   "The conservation of biodiversity is crucial for the correct functioning of ecosystems at both a local and national scale."

   You should:

   structure your answer in such a way that you discuss both ecosystem function and ecosystem services.

   (40 marks)