Summer Examinations 2015

**LEM300315N**

<table>
<thead>
<tr>
<th>Module Title</th>
<th>Ecological Survey and Consultancy</th>
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<tbody>
<tr>
<td>Level</td>
<td>Six</td>
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<tr>
<td>Time Allowed</td>
<td>Three hours</td>
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Instructions to students:

- Enter your student number **not** your name on all answer books.
- Answer **all** questions.
- Questions are **not** equally weighted. Where a question has more than one part the division of marks is stated.
- Begin each answer on a new page; label each page clearly with the number of the question you are answering.
- This is a seen paper. Questions have been distributed to candidates four weeks prior to the examination.
- A short article “Eckland Lodge Business Park Ecological Survey Report” will be provided for review.
- Phase 1 Habitat map is provided.
- Neither books nor notes may be taken into the examination.

<table>
<thead>
<tr>
<th>No. of Pages</th>
<th>3</th>
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<tr>
<td>No. of Questions</td>
<td>2</td>
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1. As a Project Officer for the Wildlife Trust you have been asked to evaluate the ecological report for a recent development application for a solar farm between Market Harborough and Desborough ("Eckland Lodge Business Park Ecological Survey Report").

In your role as Project Officer you have been requested to present the Wildlife Trust’s views on this proposed development. Prepare a detailed and well justified position statement on this proposed development which includes:

   a. an evaluation of the methodology used;  
      (15 marks)
   
   b. an evaluation of the ecological findings of the report;  
      (15 marks)
   
   c. an evaluation of the potential impacts of this development on wildlife, both on and surrounding the site;  
      (15 marks)
   
   d. a justified statement of whether your organisation is in support or opposition of this development;  
      (15 marks)

Total: 60 marks

2. In a recent Phase 1 Habitat survey on a site that is being surveyed with the potential for development as an office park you have taken the following photographs at three points which you have recorded as target notes on your Phase 1 map.

   a. Prepare a detailed description of the ecological features shown.  
      (10 marks)
   
   b. For each point describe in detail a Phase 2 level survey that you would recommend for further investigation of the wildlife on the site.  
      (20 marks)
   
   c. Select one ecological feature shown(page 3) and write a method statement to ensure potential ecological impacts are mitigated for in the upcoming development of this site.  
      (10 marks)

Total: 40 marks
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<tr>
<th>Point A</th>
<th>Point B</th>
<th>Point C</th>
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<tr>
<td><img src="image1.png" alt="Point A Image" /></td>
<td><img src="image2.png" alt="Point B Image" /></td>
<td><img src="image3.png" alt="Point C Image" /></td>
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End of Paper