OUTDOOR AND ENVIRONMENTAL STUDIES

Written examination

Monday 19 November 2007
Reading time: 11.45 am to 12.00 noon (15 minutes)
Writing time: 12.00 noon to 2.00 pm (2 hours)

QUESTION AND ANSWER BOOK

Structure of book

<table>
<thead>
<tr>
<th>Number of questions</th>
<th>Number of questions to be answered</th>
<th>Number of marks</th>
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</thead>
<tbody>
<tr>
<td>5</td>
<td>5</td>
<td>98</td>
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- Students are permitted to bring into the examination room: pens, pencils, highlighters, erasers, sharpeners and rulers.
- Students are NOT permitted to bring into the examination room: blank sheets of paper and/or white out liquid/tape.
- No calculator is allowed in this examination.

Materials supplied
- Question and answer book of 16 pages.
- Additional space is available at the end of the book if you need extra paper to complete your answer.

Instructions
- Write your student number in the space provided above on this page.
- All written responses must be in English.

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Question 1
Name an environment that you have visited this year and the outdoor adventure activities that you participated in at this place.

Environment __________________________________________________________

Activities ____________________________________________________________

a. **Assess** the impact of each of the following on the environment identified.
   i. You
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________

   ii. Your group
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________

   iii. One other user group
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________

   2 + 2 + 2 = 6 marks

b. i. **Outline** a current management strategy used by managers of the environment identified above to minimise environmental impact.
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________

Question 1 – continued
ii. **Evaluate** the effectiveness of the strategy identified in b.i.


2 + 3 = 5 marks

c. i. **Identify** an additional management strategy or a modification to a current management strategy that managers of the environment identified on page 2 could use to minimise environmental impact.


1 + 2 = 3 marks

d. Consider your personal and domestic life. **Identify** four actions that you could take to help maintain healthy and sustainable environments.

1. ______________________________________________________________________

2. ______________________________________________________________________

3. ______________________________________________________________________

4. ______________________________________________________________________

4 marks

Total 18 marks

**TURN OVER**
Question 2
Name an indigenous group you have studied and the area they inhabit(ed).

Indigenous group

Area inhabit(ed)

a. **Describe** three ways that this group interacted with their environment before European settlement.

1. _____________________________________________
   _____________________________________________
   _____________________________________________

2. _____________________________________________
   _____________________________________________
   _____________________________________________

3. _____________________________________________
   _____________________________________________
   _____________________________________________

6 marks
b. **Describe** three ways that the first non-indigenous settlers interacted with the environment in this area.

1. ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________

2. ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________

3. ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________

6 marks

**c. Describe** how the interactions described in parts a. and b. reflect different relationships between humans and Australian environments.

______________________________________________________________
   ______________________________________________________________
   ______________________________________________________________
   ______________________________________________________________
   ______________________________________________________________
   ______________________________________________________________

4 marks
d. i. Identify three factors that have influenced contemporary relationships with the area identified on page 4.

1. __________________________________________________________

2. __________________________________________________________

3. __________________________________________________________

ii. Analyse the influence of these three factors on contemporary relationships with Australian environments.

__________________________________________________________

__________________________________________________________

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3 + 6 = 9 marks
Total 25 marks
Question 3
Name an environmental movement that you have studied ______________________________

Note: You must choose a movement that has been specifically established to address an environmental concern.

a. i. Explain why this movement originated.

__________________________________________________________

__________________________________________________________

__________________________________________________________

ii. Outline two significant developments related to this movement since its origin.

1. __________________________________________________________

__________________________________________________________

__________________________________________________________

2. __________________________________________________________

__________________________________________________________

__________________________________________________________

2 + 4 = 6 marks
b. i. Identify a view held by this movement about natural environments.

ii. Describe a method that this movement has used to promote its views about natural environments.

iii. Evaluate the effectiveness of this method.

1 + 2 + 2 = 5 marks

c. Discuss the role of this environmental movement in changing human relationships with Australian environments.

3 marks

Total 14 marks
Question 4
Legislation is one process government uses to make decisions relating to conflict over the use of natural environments. The extract below is an example of one of the earliest forms of legislation enacted in Australia.

General Orders to Port Phillip settlement, 30 November 1803
Many of the people . . . are daily bringing birds’ nests into the encampment, containing either eggs or young unfledged* birds: . . . it [is] necessary to prohibit a practice at once so cruel and destructive. Any person found offending against this order will be punished.
* unfledged – without features, undeveloped

a. i. Identify two processes, other than legislation, that environment managers could use to make decisions relating to conflict over the use of natural environments.

1. 

2. 

ii. Discuss the effectiveness of legislation as a process for making decisions relating to conflict over the use of natural environments.

2 + 3 = 5 marks
b. Name a threatened species of Australian fauna or flora that you have studied.

i. **Explain** an interaction that has led to this species becoming threatened.

ii. **Name** and **outline** a policy that aims to protect this species.

iii. **Evaluate** the effectiveness of this policy.

2 + 2 + 2 = 6 marks
Total 11 marks
**Question 5**
Nominate two natural environments you have visited or studied this year.

Environment 1

Environment 2

a. **Describe** two reasons it is important for society to maintain environments such as these in a healthy condition.

1. 

2. 

4 marks

b. **Identify** three components of biodiversity that could be used to assess the health of these environments.

1. 

2. 

3. 

3 marks
c. Using the components identified in part b., compare the biodiversity of the two natural environments you have visited or studied this year.

__________________________________________________________________________

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9 marks
d. Biodiversity is one measure that can be used to determine the health of a natural environment. Using three other measures, evaluate the health of the two natural environments you have visited or studied this year.
Extra space for responses

Clearly number all responses in this space.

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A script book is available from the supervisor if you need extra paper to complete your answer. Please ensure you write your student number in the space provided on the front cover of the script book. At the end of the examination, place the script book inside the front cover of this question and answer book.