OUTDOOR AND ENVIRONMENTAL STUDIES

Written examination

Monday 9 November 2015

Reading time: 3.00 pm to 3.15 pm (15 minutes)
Writing time: 3.15 pm to 5.15 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>11</td>
<td>11</td>
<td>90</td>
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- Students are to write in blue or black pen.
- 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 correction fluid/tape.
- No calculator is allowed in this examination.

Materials supplied
- Question and answer book of 18 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.

Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.
Question 1 (6 marks)
Largely as a result of great age, climatic variation and long-term geographic isolation, Australian outdoor environments before human habitation have been described as unique with an extremely diverse ecology.

Describe how each of the following characteristics has contributed to the creation of such unique and diverse Australian outdoor environments.

• Biological isolation

• Geological stability

• Climatic variation
Question 2 (8 marks)
Select one environmental movement from the list below by ticking (✓) the box beside it:
- The Wilderness Society
- Australian Conservation Foundation
- Victorian National Parks Association
- Greenpeace
- Gould League

a. Explain why your selected movement was founded.  

b. Explain a key issue in which your selected movement has had a central role.  

c. Evaluate the impact that your selected movement has had on changing human relationships with a specific outdoor environment.  

Question 3 (8 marks)

Name a specific outdoor environment that you have either studied or visited this year.

__________________________________________________________________________

Name a specific Indigenous community that is relevant to your chosen environment.

__________________________________________________________________________

a. Describe the spiritual or social relationship and the physical relationship that this Indigenous community had with this outdoor environment before European colonisation. 4 marks

Spiritual or social relationship ____________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

Physical relationship ____________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

b. Describe how these relationships changed after European colonisation. 4 marks

Spiritual or social relationship ____________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

Physical relationship ____________________________________________________________________________

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__________________________________________________________________________
Question 4 (8 marks)
Human relationships with the Australian outdoor environment are constantly changing.

Name an outdoor environment that you have studied this year.

__________________________________________________________

Select two of the influences below by entering 1 and 2 in the boxes beside them:

☐ first non-Indigenous settlers’ experiences
☐ increasing population
☐ industrialisation
☐ nation building

For each influence, describe the relationships humans have had with this environment and analyse the impact that the influence has had on the environment itself.

Influence 1
__________________________________________________________

__________________________________________________________

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__________________________________________________________

Influence 2
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**Question 5** (4 marks)
The graph below shows estimates of the human population on Earth across time periods.

Source: www.census.gov

With reference to the graph above, define ‘sustainability’ and explain why it has become important environmentally, socially and economically.
Question 6 (6 marks)
An Outdoor and Environmental Studies class is visiting a coastal outdoor environment. In this area, there is a small town surrounded by farms. The class enjoys a session learning how to surf with a local company that runs a variety of outdoor experiences (including surfing, bushwalks, mountain biking and rock climbing) for people visiting the area and also participates in restoring some sand dunes with a conservation group.

Select two of the following practices by entering 1 and 2 in the boxes beside them:

☐ conservation
☐ primary industry
☐ recreation
☐ tourism

a. Describe the relationship people who participate in each specific practice might have with this coastal outdoor environment. 4 marks

Practice 1

Practice 2

b. Explain how the two relationships described in part a. differ from each other. 2 marks
Question 7 (9 marks)
Select three of the images below by entering 1, 2 and 3 in the boxes beside them:
Analyse how the media might use these images in portraying the outdoor environment and the effect this could have on societal relationships with the environment.

Image 1

____________________________________________________________________________________

____________________________________________________________________________________

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____________________________________________________________________________________

Image 2

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Image 3

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Question 8 (6 marks)

Before an Outdoor and Environmental Studies class leaves for a week-long hike, there is a news report about a group that had gotten lost in the same area and could not be located for two days.

Select two of the following groups by entering 1 and 2 in the boxes beside them:

- school community
- local media
- local bushwalking group
- social networking sites
- emergency services

Analyse how the two selected groups within society might respond to the news report and the impact these responses might have on the planned hike.

Group 1

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Group 2

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_____________________________________________________________________
Question 9 (16 marks)
Select two of the following conflicts about the use of outdoor environments by entering 1 and 2 in the boxes beside them:

☐ marine national parks and sanctuaries (Victoria)
☐ Franklin River campaign (Tasmania)
☐ grazing in the Alpine National Park (Victoria)
☐ desalination plant at Wonthaggi (Victoria)
☐ Other – please specify ____________________________

a. Compare the methods used by two opposing groups involved in each conflict. 8 marks

Conflict 1
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

Conflict 2
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________
b. Taking account of the outcomes of the two conflicts, evaluate the success of the methods used.  

Conflict 1

Conflict 2
Question 10 (4 marks)
Select two of the following actions by entering 1 and 2 in the boxes beside them:

- green building design
- integrated farming
- urban planning
- renewable energy
- Landcare

For each action selected, explain how the action has increased the sustainability of a particular environment. Where possible, refer to your practical and field trip experience in your response.

Action 1

Action 2
Question 11 (15 marks)
Construct a State of the Environment (SOE) report for a specific environment that you have studied or visited. Your SOE report should analyse and evaluate the state of that specific environment.

Environment studied/visited

Your report should include:
• descriptions of at least two environmental indicators that could be used to evaluate the health of the specific environment
• an evaluation of the state of the specific environment, with reference to at least two common SOE themes
• identification of at least one threat to the specific environment
• prediction and description of at least two potential impacts resulting from the threat identified.
Extra space for responses

Clearly number all responses in this space.

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An answer 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 answer book. **At the end of the examination, place the answer book inside the front cover of this question and answer book.**