



**Victorian Certificate of Education  
2009**

SUPERVISOR TO ATTACH PROCESSING LABEL HERE

**STUDENT NUMBER**

Figures												Letter
Words												

# OUTDOOR AND ENVIRONMENTAL STUDIES

## Written examination

**Thursday 12 November 2009**

**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**

<i>Number of questions</i>	<i>Number of questions to be answered</i>	<i>Number of marks</i>
6	6	99

- 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.

**Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.**

**Instructions**

Answer **all** questions in the spaces provided.

**Question 1**

Identify a recreational activity that you have participated in for your studies.

a. **Outline** how participation in this recreational activity has changed over time.

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2 marks

b. i. **Compare** two ways in which society may respond to risk-taking behaviour associated with this recreational activity.

1. \_\_\_\_\_

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2. \_\_\_\_\_

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- ii. For one of your responses to **part b.i.**, explain one positive and one negative impact on a natural environment.

Positive \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Negative \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6 + 6 = 12 marks

- c. **Describe** how your participation in this recreational activity affected your relationship with natural environments.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2 marks

- d. **Explain** how commercialisation might influence how people develop a relationship with a natural environment through this recreational activity.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3 marks

Total 19 marks

**TURN OVER**

**Question 2**

There is a range of contemporary views of nature and outdoor experiences held by different users. Choose one of the photographs illustrated.

**A.**



**B.**



**C.**



Photograph A., B. or C.



a. **Outline** three different contemporary views that might be held about this environment.

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6 marks

**b. Analyse** how the three views you have described may influence relationships with the natural environment shown in the photograph.

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6 marks

c. **Explain** the impact on the natural environment of each of the three relationships you have described.

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6 marks

Total 18 marks

**TURN OVER**

**Question 3**

Identify an interaction with an Australian environment used by Indigenous Australians before European settlement.

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- a. **Outline** this interaction.

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2 marks

- b. **Explain** how this interaction reflected Indigenous relationships with the Australian environment before European settlement.

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3 marks

- c. **Evaluate** the impact of this interaction on an Australian environment before European settlement.

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2 marks



**d. Describe** two ways that the arrival of the first European settlers affected this interaction.

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

4 marks

Total 11 marks

**TURN OVER**

**Question 4**

Identify a natural environment that you have studied.

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**a. Describe** three reasons why it is important for human society that this environment remains healthy.

1. \_\_\_\_\_

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2. \_\_\_\_\_

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3. \_\_\_\_\_

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6 marks

**b. i. Outline** three ways in which you could measure the contemporary health of this environment.

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**ii.** Using these measures **evaluate** the contemporary health of this environment.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6 + 7 = 13 marks

Total 19 marks

**TURN OVER**

**Question 5**

The 2004 Index of Stream Condition assessment reported that only 21% of major rivers and tributaries in Victoria were in good or excellent condition. Almost half the basins in Victoria have less than 10% of major rivers and tributaries in good or excellent condition.

*State of the Environment Victoria 2008*, Commissioner for Environmental Sustainability, Melbourne, 2008

**a. Describe** two human interactions that could have led to the situation described above.

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4 marks

**b. Outline** three actions that an individual could take to help maintain or improve the sustainability of Victoria’s aquatic environments.

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

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\_\_\_\_\_

6 marks

- c. i. **Identify** a local, state or national policy that might be used to manage a natural environment that you have studied or visited.

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- ii. **Explain** how this policy might be applied to this particular natural environment.

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- iii. **Evaluate** the effectiveness of this policy in managing and sustaining the Victorian environment.

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1 + 3 + 3 = 7 marks

Total 17 marks

**TURN OVER**

**Question 6**

Identify an environmental movement that you have studied. Nominate a conflict of interest over the use of a natural environment in which this movement has been involved.

• Environmental movement \_\_\_\_\_

• Conflict of interest \_\_\_\_\_

a. **Outline** a reason for the formation of this environmental movement.

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2 marks

b. **Provide** an example of how this movement has influenced human relationships with Australian environments.

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2 marks

c. i. **Describe** two methods this environmental movement has used to influence decisions about the conflict of interest you have nominated.

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4 marks

ii. **Evaluate** the effectiveness of each of the methods described in **part c.i.**

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4 marks

d. **Explain** a decision-making process that has been applied to the conflict of interest that you have nominated above.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3 marks

Total 15 marks

