



# Victorian Certificate of Education 2008

SUPERVISOR TO ATTACH PROCESSING LABEL HERE

## STUDENT NUMBER

Letter

Figures

Words


# OUTDOOR AND ENVIRONMENTAL STUDIES

## Written examination

**Monday 17 November 2008**

**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

<i>Number of questions</i>	<i>Number of questions to be answered</i>	<i>Number of marks</i>
6	6	98

- 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**

Name an outdoor activity that you participated in this year and the environment you visited for that activity.

- a. i. **Describe** a pattern of interaction over time in this activity.

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- ii. **Explain** a factor that has influenced the pattern of this interaction over time.

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2 + 3 = 5 marks

- b. **Assess** the environmental impact that your personal participation in this activity had on this environment.

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2 marks

- c. **Assess** the environmental impact that your group's participation in this activity had on this environment.

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2 marks

- d. **Assess** the environmental impact of this activity on the Australian environment over time.

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2 marks

- e. **Develop** a 4-point code of conduct for this activity that would minimise the impact of this activity on the natural environment.

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4 marks

Total 15 marks

**TURN OVER**

**Question 2**

**Identify** an environment that you have visited this year.

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- a. i.** For this environment, **describe** two interactions that Indigenous people have had during each of the following periods of time.

Pre-European settlement

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

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

Contemporary

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

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

- ii.** **Explain** how these interactions reflect an overall change in the relationships Indigenous people have had with natural environments.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- iii. Choose one interaction from each period of time and **analyse** the impact that these interactions have had on the environment.

Pre-European settlement \_\_\_\_\_

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Contemporary \_\_\_\_\_

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8 + 3 + 6 = 17 marks

- b. **Describe** two interactions that you have had with this environment.

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4 marks

- c. **Explain** how your interaction with this environment reflects your relationship with this environment.

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3 marks

Total 24 marks

**TURN OVER**

**Question 3**

Name an environment you have visited or studied this year.

Identify a cause of significant damage to this environment; for example, introduced species or land degradation.

a. **Describe** the damage to this environment.

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2 marks

b. **Outline** one current management strategy that is employed by land managers to minimise the effect of this damage.

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2 marks

c. **Describe** another current management strategy that is employed by land managers to maintain the health of this environment.

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2 marks

**d. Evaluate** the effectiveness of these strategies in maintaining this environment.

Strategy 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Strategy 2 \_\_\_\_\_

\_\_\_\_\_

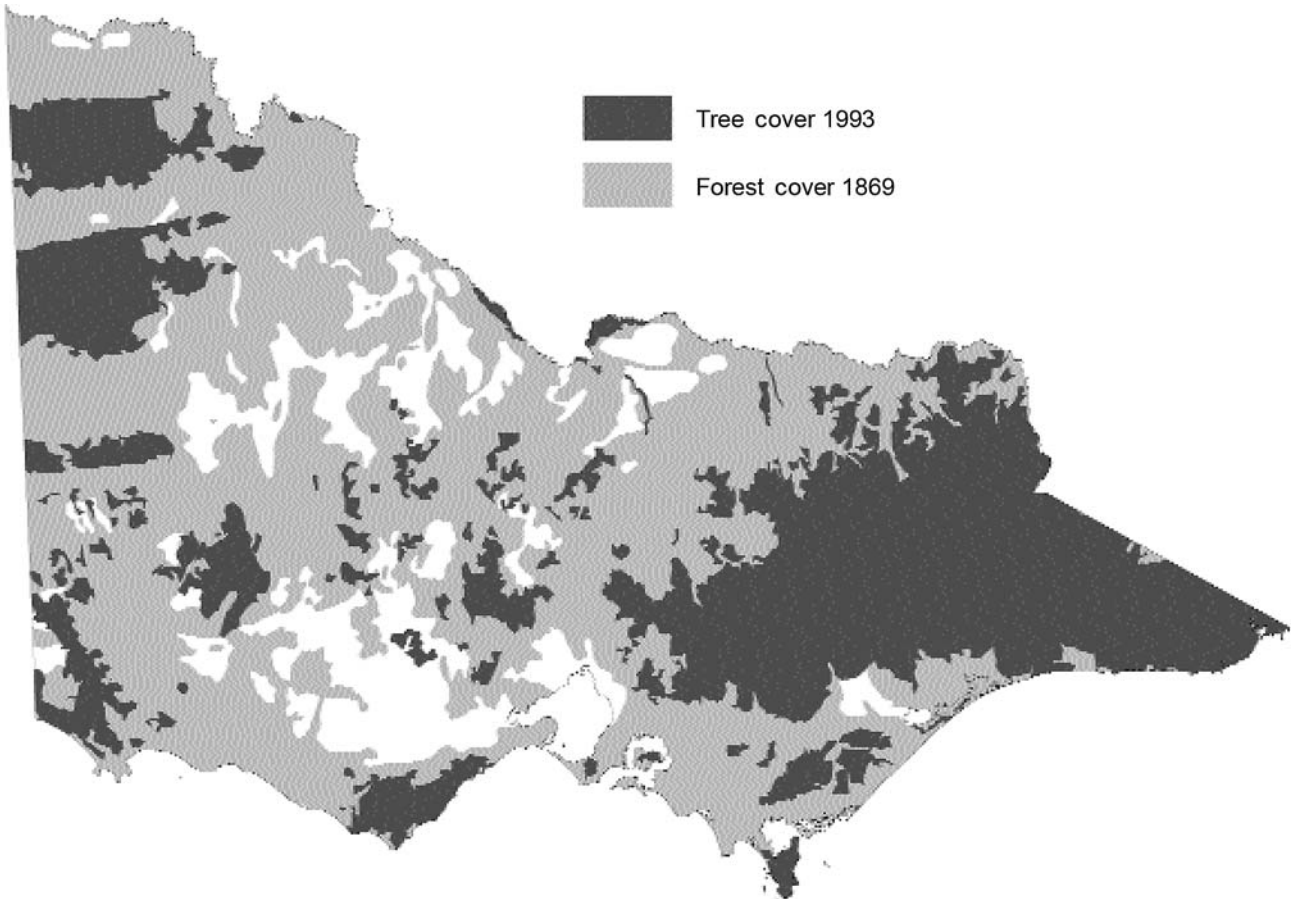
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\_\_\_\_\_

4 marks

Total 10 marks

**TURN OVER**

**Question 4**

Vegetation Map, *The Victorian Naturalist*, Vol. 123(1), p. 15

Fig. 10, Tree cover in Victoria, 1869 (after Everatt & Von Mueller) and 1993 (from Landsat TM) DSE Corporate GIS

- a. i. **Identify** two interactions that may have led to the changes visible on the map.

Interaction 1 \_\_\_\_\_

\_\_\_\_\_

Interaction 2 \_\_\_\_\_

\_\_\_\_\_

- ii. **Describe** the impact of each of these interactions on the contemporary state of the natural environment.

Interaction 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Interaction 2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2 + 4 = 6 marks

**Question 4** – continued



- b. **Recommend** and justify two management strategies or policies (other than those identified in Question 3) that could be used by land managers to maintain the health of Victoria's natural environment.

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6 marks

- c. **Suggest** three reasons why it is important to maintain healthy natural environments for future society.

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3 marks

Total 15 marks

**TURN OVER**

**Question 5**

Identify an environment you have visited or studied this year where two users are in conflict with each other.

Environment \_\_\_\_\_

User 1 \_\_\_\_\_

User 2 \_\_\_\_\_

- a. Outline** two contemporary views about the use of this environment that are held by each user.

**User 1**

View 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

View 2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**User 2**

View 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

View 2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

8 marks

- b. i. Identify** a process that might be applied to make decisions about the use of this environment.

\_\_\_\_\_

\_\_\_\_\_

- ii. Evaluate** the effectiveness of this process in reducing conflict about the use of this environment.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

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1 + 3 = 4 marks

**Question 5** – continued

- c. i. **Describe** two methods that the users you have identified could employ to influence decisions about the use of this environment.

Method 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Method 2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- ii. **Compare** the potential effectiveness of these two methods in influencing a decision about the use of this environment.

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4 + 4 = 8 marks

Total 20 marks

**TURN OVER**



[illegible]

[illegible]

14 marks

**Clearly number all responses in this space.**

[illegible]

[illegible]

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.**