



# Victorian Certificate of Education 2011

SUPERVISOR TO ATTACH PROCESSING LABEL HERE

## STUDENT NUMBER

Letter

Figures

Words


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# OUTDOOR AND ENVIRONMENTAL STUDIES

## Written examination

Thursday 10 November 2011

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>
7	7	93

- 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 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. Write using blue or black pen.

**Question 1**

**Identify** an outdoor experience, and its natural environment, which you participated in this year as part of your studies.

Outdoor experience

Natural environment

- a. **Outline** four actions you or your school group could take to minimise the impact of the outdoor experience on this natural environment.

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_

4 marks

Question 1 – continued

- b.** For the same environment, **explain** three management strategies used by public land managers that contribute to maintaining the health and sustainability of this natural environment.

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6 marks

- c.** **Evaluate** the effectiveness of the three strategies explained in **part b.** in managing and sustaining this particular environment.

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6 marks

**TURN OVER**

**Question 2**

**Name** an outdoor activity that you have participated in or studied this year.

- a. **Describe** how participation in this activity has changed as a result of society's response to risk taking.

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2 marks

- b. **Explain** how these changes have impacted on the natural environment.

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2 marks

**Question 3**

**Identify** an outdoor experience you have had.

- a. **Describe** how this outdoor experience shaped your view of the natural environment.

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2 marks

Question 3 – continued

NO WRITING ALLOWED IN THIS AREA

**b. Describe** two other possible contemporary views of this natural environment.

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

4 marks

**c. Explain** how the views described in **parts a.** and **b.** shape relationships with the natural environment.

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

6 marks

**TURN OVER**

**Question 4**

You work for a company that is building a seaside tourist resort in an area that not many tourists currently visit. Your role is with the public relations department. Your job is to promote the resort to the locals and tourists visiting areas nearby. In the table below, **describe** how the commercialisation of this area will impact on the human relationships with the surrounding natural environment.

Group impacted	Positive impact	Negative impact
Locals		
Tourists		

8 marks

NO WRITING ALLOWED IN THIS AREA

8 marks

[www.theallpapers.com](http://www.theallpapers.com)

**Question 6**

The Murray–Darling Basin contains the Murray and Darling rivers and all the rivers and creeks that flow into them. It covers 1 061 469 square kilometres or 14% of Australia. The basin is made up of wetlands, flood plains and many croplands, including orchards, vineyards and grazing lands. The basin also contains a number of endangered species of birds and mammals, including some migratory bird sites of international importance. In October 2010, the Murray–Darling Basin Plan Guide was released for public comment. The Guide considers various options for the management of the basin.

- a. **Name and describe** three ways of assessing the biodiversity of the Murray–Darling Basin.

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

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

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

6 marks

Question 6 – continued

NO WRITING ALLOWED IN THIS AREA



**b. Outline** three reasons why it is important for human society to maintain the biodiversity of the Murray–Darling Basin.

1. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
2. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
3. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

6 marks

**c. i. Identify** two human activities that have had an impact on the Murray–Darling Basin.

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

**ii. Describe** the environmental impact of these two activities.

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

2 + 4 = 6 marks

**Question 6 – continued**  
**TURN OVER**

- d. Describe** two actions that the government could take to help maintain or improve the sustainability of the Murray–Darling Basin.

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4 marks

- e. i. Identify** two possible uses of the Murray–Darling Basin that could lead to a conflict of interest between groups using the resources of the Murray–Darling Basin.

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

\_\_\_\_\_

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

\_\_\_\_\_

- ii. Describe** how each of the uses identified in **part i.** conflict with one another.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2 + 2 = 4 marks

NO WRITING ALLOWED IN THIS AREA

Question 6 – continued

- f. **Outline** two different methods that each group identified in **part e.** could use to influence decisions about the use of this natural environment.

Group 1

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

\_\_\_\_\_

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

\_\_\_\_\_

Group 2

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

\_\_\_\_\_

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

\_\_\_\_\_

4 marks

- g. **Explain** a process that could be used to resolve the conflict of interest you have described in **part e.**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3 marks

TURN OVER

NO WRITING ALLOWED IN THIS AREA

**Question 7**

**Choose** an environment you have visited or studied this year.

**Describe** how interactions and human relationships with this environment have changed over time.

In your answer refer to each of the following.

- Indigenous interactions and relationships with this environment prior to non-Indigenous settlement
- interactions and relationships with this environment by the first non-Indigenous settlers
- interactions and relationships with this environment at **one** other period of time

Question 7 – continued

**NO WRITING ALLOWED IN THIS AREA**

12 marks

**END OF QUESTION AND ANSWER BOOK**

**TURN OVER**

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

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**NO WRITING ALLOWED IN THIS AREA**

**NO WRITING ALLOWED IN THIS AREA**

**TURN OVER**

NO WRITING ALLOWED IN THIS AREA

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.**