



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

NO WRITING ALLOWED IN THIS AREA

NO WRITING ALLOWED IN THIS AREA

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.

2 marks

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

2 marks

Question 3

Identify an outdoor experience you have had.

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

2 marks

NO WRITING ALLOWED IN THIS AREA

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. _____

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

Question 5

Choose two advances in technology from either the list below **or** from your own experiences.

- | | | | |
|---------------------|-----------------|---------------|-------------------------|
| mobile phone | hand-held GPS | 4WD vehicle | Gore-Tex jacket |
| plastic kayak/canoe | fibreglass skis | Trangia stove | rock-climbing equipment |

For each item chosen, **evaluate** how the development of this technology has changed the human relationship with the natural environment.

Technology 1 _____

Technology 2 _____

8 marks

NO WRITING ALLOWED IN THIS AREA

TURN OVER

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

NO WRITING ALLOWED IN THIS AREA

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

- 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

