



**Victorian Certificate of Education
2004**

SUPERVISOR TO ATTACH PROCESSING LABEL HERE

STUDENT NUMBER

Letter

Figures									
Words									

OUTDOOR AND ENVIRONMENTAL STUDIES
Written examination

Monday 15 November 2004

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>
5	5	75

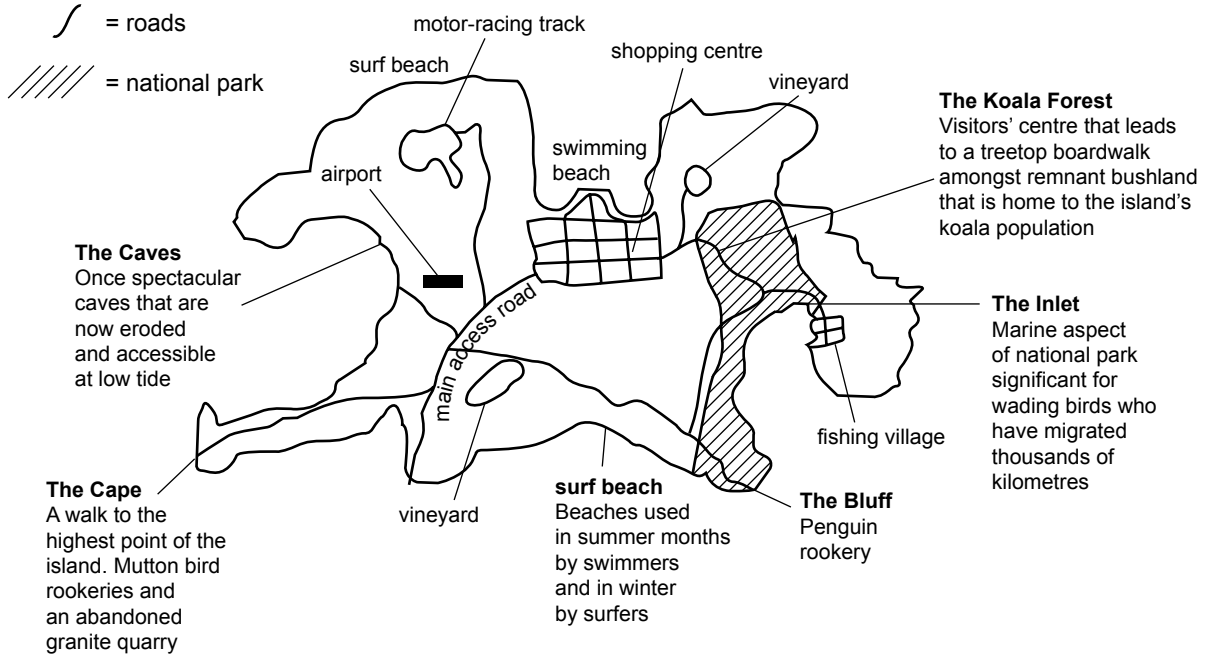
- Students are permitted to bring into the examination room: pens, pencils, highlighters, erasers, sharpeners and rulers.
 - Students are NOT permitted to bring into the examination room: blank sheets of paper and/or white out liquid/tape.
 - No calculator is allowed in this examination.
- Materials supplied**
- Question and answer book of 13 pages.
- 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 electronic communication devices into the examination room.

Instructions

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

Question 1



a. Identify a **commercial**, **conservation** and **recreation** use of this environment.

commercial _____

conservation _____

recreation _____

3 marks

b. Consider The Inlet and The Koala Forest. Which of these venues is likely to have experienced the **greatest impact** on its natural environment? Explain why.

4 marks

- c. How does the establishment of an area such as The Koala Forest contribute to the achievement of ecologically sustainable development?

2 marks

- d. i. Discuss an action that individuals could adopt to minimise their impact when visiting The Inlet.

- ii. Explain **two** management strategies that could be implemented to further reduce impact at The Koala Forest visitor centre.

2 + 4 = 6 marks

- e.
 - i. Describe a policy or management approach designed to achieve ecologically sustainable development that could be applied to The Inlet.

- ii. Evaluate how this policy or management approach would contribute to the conservation of this natural environment.

2 + 4 = 6 marks

Total 21 marks

Question 2

In January 2002, a group of 71 scientists and their assistants conducted a ‘Biodiversity Blitz’ in the Kosciuszko National Park. Over a 24-hour period, the park was studied and lists drawn up of all the species sampled.

a. What is species biodiversity?

1 mark

b. Drawing up species lists is one way of assessing biodiversity. Describe **two** other ways of assessing biodiversity.

4 marks

c. Describe **three** ways that this group of biologists would have an impact on the national park.

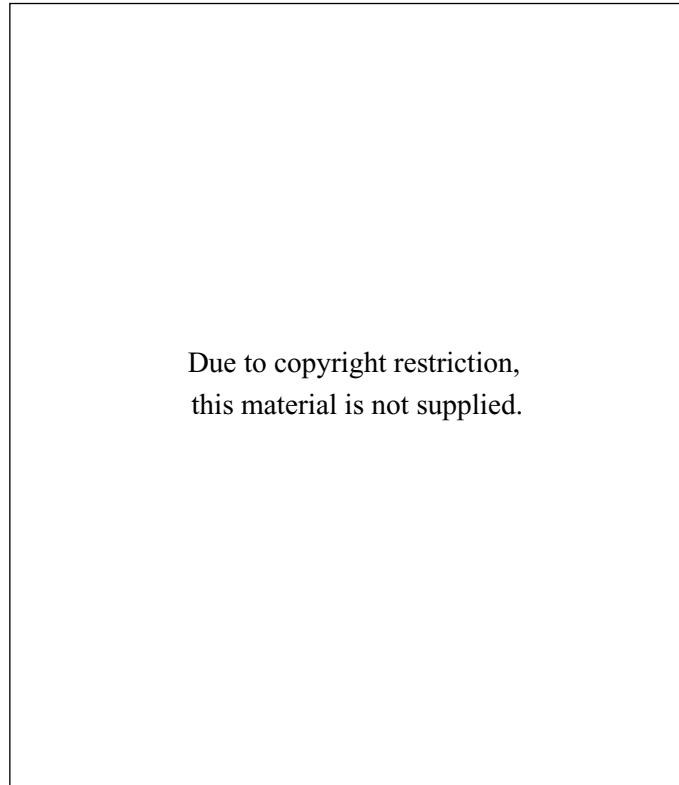
3 marks

- d.** Explain **two** advantages to the future of human societies of maintaining the biodiversity of Kosciuszko National Park.

4 marks

Total 12 marks

Questions 3 and 4 relate to the stimulus material below.



On World Environment Day in 1997, a giant banner saying ‘Stop Jabiluka Mine’ (pictured above) was hung from an escarpment within the Jabiluka region of the Northern Territory. Jabiluka is Aboriginal land surrounded by Kakadu National Park, a park renowned for its wetlands. Kakadu National Park is on the World Heritage register for both natural and cultural values. The traditional owners of Jabiluka are the Mirrar people, who have had a connection with the area for more than 40 000 years.

In the 1970s, uranium deposits were found at Jabiluka and a mining company developed plans for a uranium mine and a processing plant in the region. An environmental impact statement for the project was completed in 1979 and again in 1996. After a change of Federal Government in 1996, the mining company announced it was going to establish the mine.

Question 3

- a. Identify **two** ways this image could be used to influence decision makers.

2 marks

b. Evaluate the impact this image could have on the views people hold about the use of this environment.

4 marks

c. i. Describe an image of an environment you have studied this year.

ii. Analyse how the image described in **c.i.** has influenced your view about a particular environmental issue.

1 + 3 = 4 marks

Total 10 marks

Question 4

a. Identify the conflicting interests described in the case study on page 7.

1 mark

b. Name two opposing interest groups involved in this conflict and outline their positions.

group _____

position _____

group _____

position _____

6 marks

c. Explain **two** appropriate decision-making processes that could be used in this conflict.

4 marks

- d. i.** With reference to a **separate** conflict you have studied, describe **another** decision-making process used.

- ii.** Evaluate the likely effectiveness of this process in reducing the impact of human use on the Jabiluka environment.

2 + 4 = 6 marks

Total 17 marks

