

STUDENT NUMBER Letter

OUTDOOR AND ENVIRONMENTAL STUDIES

Written examination

Thursday 2 November 2023

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>
9	9	90

- 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 correction fluid/tape.
- No calculator is allowed in this examination.

Materials supplied

- Question and answer book of 19 pages
- Additional space is available at the end of the book if you need extra space to complete an 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 (3 marks)

Select **one** of the following characteristics by ticking (✓) the box beside it:

- biological isolation
- climatic variations
- geological stability

Explain how your selected characteristic influenced an environment that you have visited and/or studied this year.

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Question 2 (7 marks)

a. Outline the following historical events:

3 marks

Arrival of first non-Indigenous settlers

Industrialisation

Nation building

b. Analyse how **one** of the historical events from **part a.** influenced a human relationship with an outdoor environment, using a specific example.

4 marks

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Question 3 (10 marks)

Select **one** of the following outdoor environments by ticking (✓) the box beside it:

- Lake Pedder
- The Little Desert
- The Franklin River

a. Explain the role your selected outdoor environment played in the foundation of a historic environmental movement. 3 marks

b. Describe how the environmental movement from **part a.** influenced changing relationships, using a specific example from your selected outdoor environment. 3 marks

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- c. Evaluate how the increase in environmental awareness influenced the policies of an Australian political party, with reference to an outdoor environment that you have visited and/or studied this year. 4 marks

Question 4 (4 marks)

Evaluate the impact that the commercialisation of outdoor experiences has had on an outdoor environment that you have visited and/or studied this year.

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Question 5 (10 marks)

a. Describe **two** different societal relationships with outdoor environments that have taken place since 1990. 4 marks

b. Analyse how technology could impact **one** of your chosen societal relationships in **part a.** 3 marks

c. Suggest how the Victorian Environmental Assessment Council (VEAC) might investigate the environmental impacts of **one** of your chosen societal relationships from **part a.** 3 marks

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- c. Analyse the potential impact that the **two** threats you identified in **part b.** might have on your chosen outdoor environment.

6 marks

- d. Identify **two** actions that could be used to sustain your chosen outdoor environment and outline why it is important for individuals and future society that this specific outdoor environment remains healthy.

5 marks

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Question 7 (8 marks)

26 May 2022

More Than 65,000 Hectares Of New National Park Secured

The Andrews Labor Government is creating permanent protections for Victoria’s three new national parks to help conserve our native flora and fauna and enhance recreation and tourism opportunities.

...

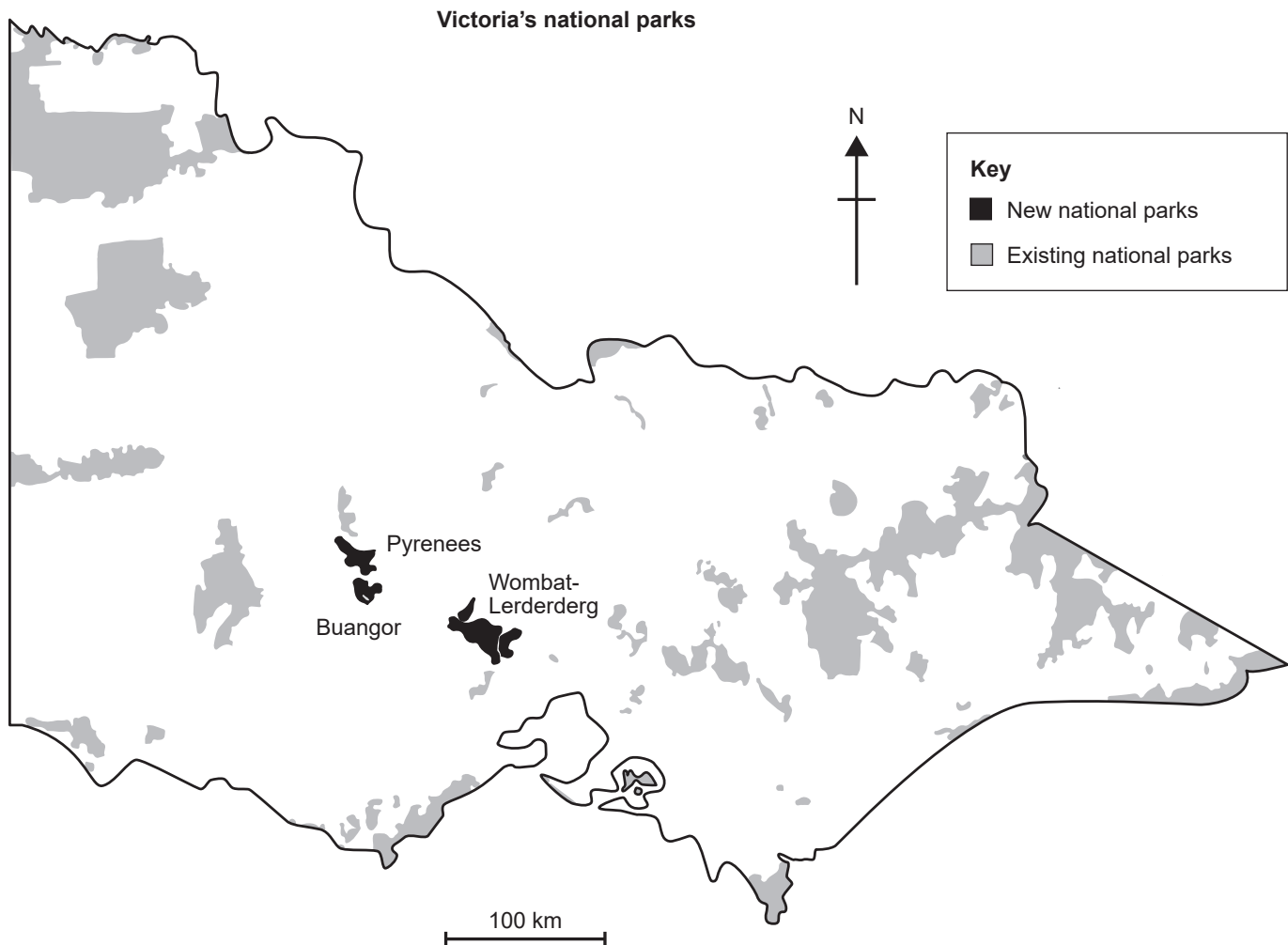
The new national parks will be created by linking existing state forests, parks and reserves. The largest, combining Lerderderg State Park and Wombat State Forest to create the Wombat-Lerderderg National Park covering more than 44,000 hectares between Daylesford and Bacchus Marsh.

...

There will be seven new and expanded regional parks near Bendigo, Daylesford and Avoca. These will provide a range of activities including horse-riding, dog-walking and recreational prospecting.

...

Source: Minister for Energy, Environment and Climate Change Lily D’Ambrosio, ‘More Than 65,000 Hectares Of New National Parks Secured’, media release, Premier of Victoria, <premier.vic.gov.au>



Source: adapted from <gowildimages.com> and <mapshare.vic.gov.au/mapsharevic>

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The new national parks represent examples of dry forests and woodlands in Victoria. Parks Victoria will be managing these areas.

- a. Describe a management strategy that Parks Victoria could implement to reduce competing recreational impacts and maintain the health of the new national parks. 2 marks

- b. Analyse the effectiveness of the management strategy you described in **part a**. 3 marks

- c. Describe a management strategy that a private landholder could use to maintain the health of an environment that you have visited and/or studied this year. 3 marks

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Question 8 (14 marks)

Name an environmental conflict that you have studied this year.

- a. Describe the selected conflict and identify the **two** main groups involved. 4 marks

- b. Describe **two** methods used by individuals or groups to influence decisions in your chosen conflict. 4 marks

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c. Evaluate the effectiveness of **each** of the methods you described in **part b**.

6 marks

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Question 9 (15 marks)

Larksville is a small agricultural town in regional Victoria with a population of 528. The town is close to a river, has high annual rainfall, receives above-average sunshine in summer and constant wind throughout the year. The town is located on top of a geothermal basin.

Currently, the town relies on a nearby coal-fired power station and backup diesel generators to supply electricity. Due to concerns about a changing climate, more than 150 Larksville residents have signed a petition to convert Larksville’s energy supply to 100% renewable energy by 2025. The proposal calls for the use of renewable energy sources and a community-scale battery system to supply power to the town.

You have been asked by the residents who want to shift to 100% renewable energy to write a report about the proposal. In your report, you need to:

- describe **two** types of renewable energy sources that could be used to supply power to Larksville
- describe **two** possible views that the residents of Larksville might have about the proposed shift to 100% renewable energy
- discuss how **two** different political parties might view the proposal
- analyse the impact that switching Larksville’s electricity to 100% renewable energy will have on the residents’ relationship with their local environment.

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