

Victorian Certificate of Education 2020

| SUPERVISOR TO ATTACH PROCESSING LABEL HERE |
|--|
|--|

| | | | | | Letter | |
|----------------|--|--|--|--|--------|--|
| STUDENT NUMBER | | | | | | |

OUTDOOR AND ENVIRONMENTAL STUDIES

Written examination

Tuesday 17 November 2020

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

| Number of questions | Number of questions to be answered | Number of marks |
|---------------------|---------------------------------------|--------------------|
| 13 | 13 | 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 20 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.

| 2020 OUT&ENV STUDIES EXAM | 2 | |
|---------------------------|--------------------|------------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | <u> </u> |
| | | 2 |
| | | |
| | | - - - - |
| | | |
| | | Z |
| | THIS PAGE IS BLANK | |
| | | H - 0 |
| | | |
| | | } |
| | | <u> </u> |
| | | H C Z |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | Instructions |
|---------|---|
| Answe | er all questions in the spaces provided. |
| | |
| | n 1 (3 marks) |
| | ne of the following characteristics by ticking (\checkmark) the box beside it: |
| | blogical isolation |
| | ological stability |
| cli | matic variations |
| Explain | how the selected characteristic influenced Australian outdoor environments before human settlement. |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| 20 OU | Γ&ENV STUDIES EXAM 4 | |
|-------|--|---------|
| | estion 2 (5 marks) ntify a specific Indigenous community and an interaction this community used before European settlement | nt. |
| Indi | igenous community | |
| Inte | praction | |
| a. | Describe the identified interaction. | 2 marks |
| | | |
| | | |
| | | |
| | | - |
| b. | Explain how the identified interaction demonstrates the specific Indigenous community's relationship with their local environment. | 3 marks |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| Explain how increased environmental awareness had an impact on the policies of political parties prior | stion 3 (7 marks) ct one of the following outdoor environments by ticking (✓) the box beside it: | |
|---|--|--------|
| Franklin River (Tasmania) Analyse how environmental movements changed human relationships with the selected outdoor environment. 4 mark Explain how increased environmental awareness had an impact on the policies of political parties prior | | |
| Analyse how environmental movements changed human relationships with the selected outdoor environment. 4 mark Explain how increased environmental awareness had an impact on the policies of political parties prior | Little Desert (Victoria) | |
| Explain how increased environmental awareness had an impact on the policies of political parties prior | Franklin River (Tasmania) | |
| | | 4 mark |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | 3 mark |
| | | |
| | | |
| | | |

Use the following information to answer Questions 4–7.

Coastal heathland conflict

A large section of coastal heathland is being destroyed by people participating in four-wheel drive activities and fishing. The coastal heathland is a two-hour drive from the nearest city and provides good access to land-based, deep-water fishing and a recreation space for four-wheel driving. These activities have resulted in indiscriminate camping and the creation of new tracks for easier beach access.

This coastal heathland is now a threatened ecosystem in Victoria. It contains three species of endangered orchids and an endangered native mouse. As a result, a conservation group wants to restrict access to this

| Question | 4 (| (12 marks) |) |
|----------|-----|------------|---|
| | | | |

| Outline the different relationships that the conservation group and the recreational groups might have with this specific environment. | 4 marks |
|--|---------|
| Conservation group | - |
| | - |
| | - |
| | - |
| Recreational groups | - |
| | - |
| | - |
| | |
| Outline one method that each group might use to influence decisions that will be made about the use of this specific environment. The method outlined for each group must be different. | 4 marks |
| | |
| of this specific environment. The method outlined for each group must be different. | |
| of this specific environment. The method outlined for each group must be different. | |
| of this specific environment. The method outlined for each group must be different. Conservation group's method | |
| of this specific environment. The method outlined for each group must be different. Conservation group's method | |
| of this specific environment. The method outlined for each group must be different. Conservation group's method | |
| of this specific environment. The method outlined for each group must be different. Conservation group's method | |

c.

| Evaluate the likely effectiveness of one of the methods outlined in part b. in influencing decision-makers. | 4 marks |
|--|---------|
| Method | |
| Evaluation | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| | estion 5 (6 marks) ct one of the following environmental conflicts by ticking (\$\$) the box beside it: marine national parks and sanctuaries grazing in the Alpine National Park desalination plant at Wonthaggi | |
|----|---|---------|
| | proposed Great Forest National Park | |
| | extraction of coal seam gas | |
| | other (please specify) | |
| a. | For the selected environmental conflict, describe a process that was or could be used to resolve this conflict. | 2 marks |
| | | - |
| b. | Evaluate how effective the process described in part a. could be in resolving the coastal heathland | - |
| | conflict referred to on page 6. | 4 marks |
| | | |
| | | |
| | | - |
| | | - |
| | | |
| | | |

| Question 6 (3 marks) Outline three management strategies that a land manager could use to maintain the coastal heathland. | | | |
|--|--|--|--|
| 1 | | | |
| | | | |
| 2 | | | |
| | | | |
| 3 | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

|) OU | T&ENV STUDIES EXAM 10 | |
|------|---|--------|
| Qu | estion 7 (5 marks) | |
| a. | Name an Act or a convention that could apply to the coastal heathland environment. | 1 mar |
| | | |
| b. | Evaluate the likely effectiveness of this Act or convention in maintaining the coastal heathland. | 4 mark |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | estion 8 (2 marks) scribe the role of the Victorian Environmental Assessment Council (VEAC). | |
| | (, 2.1 ·) | |
| | | |
| | | |
| | | |

Question 9 (6 marks)

Image 1 – Safety signs at a beach

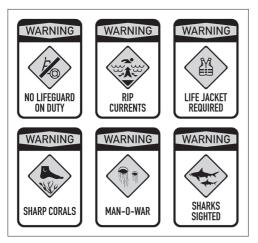
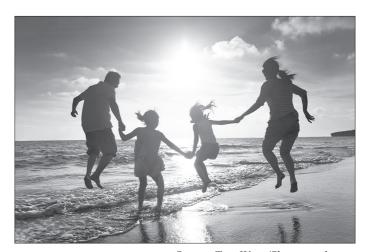


Image 2 – A family playing at a beach



Source: Tom Wang/Shutterstock.com

Source: sahua d/Shutterstock.com

| Explain how each of the images above may influence societal relationships with outdoor environments. | | | |
|--|--|--|--|
| Image 1 | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Image 2 | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Question 10 (12 marks)

Societal relationships with outdoor environments are reflected in different forms of primary industry and recreation.

Primary industry – Farming and mining



Source: Sandra Cunningham /Shutterstock.com



Source: Nordroden/Shutterstock.com

Recreation - Hiking and downhill mountain biking



Primary industry ___

Source: FiledIMAGE/Shutterstock.com



Source: yanik88/Shutterstock.com

Use the images above to compare the various influences that different forms of primary industry and recreation have on societal relationships with outdoor environments.

13

2020 OUT&ENV STUDIES EXAM

| | et one of the following current threats that is relevant to the health of the outdoor environment named | |
|---------|--|------|
| OV T | e by ticking (\checkmark) the box beside it: | |
|] | land degradation introduced species | |
|] | climate change | |
|] | urbanisation | |
|] | other significant threat (please specify) | |
| J | Describe the impact of the selected threat on the current health of the outdoor environment that you have named. Provide a specific example that is relevant to the outdoor environment that you have named. | 3 ma |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | Outline one observable characteristic of a healthy outdoor environment that was evident in the outdoor environment that you have named. | 2 ma |
| | | |
| | | |
| | | |
| | | |
| | | |
| | Describe an action that may be taken by individuals to ensure the long-term health of the outdoor environment that you have named. | 2 ma |
| | | |

Question 12 (7 marks)

Sustainable development has been defined in many ways. A frequently quoted definition is from the United Nations' 'Our Common Future' report: 'Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.'

Source: United Nations, 'Report of the World Commission on Environment and Development:

Our Common Future', 1987

| ainable development plays in providing a balance between human needs and the butdoor environments. | 3 ma |
|---|-----------|
| | |
| | |
| tainable development has been highly criticised. In your response, include reasons e may find the concept of sustainable development difficult to accept. | 5 4 ma |
| | |
| | |
| | |
| | |
| | |

| Question 13 (15 marks) Name an outdoor environment that you have visited and/or studied this year. | | |
|---|--|--|
| Explain how relati | onships with the outdoor environment that you have named have been influenced by each of the | |
| following: | | |
| | digenous settlers' experiences | |
| increasing popu | | |
| industrialisation | | |
| nation-building | | |
| Use examples to si | upport your response. | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Question 13 – continued TURN OVER

2020 OUT&ENV STUDIES EXAM

| Extra space for responses | | | |
|---|--|--|--|
| Clearly number all responses in this space. | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| F&ENV STUDIES EXAM | 20 | |
|--------------------|----|--|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |