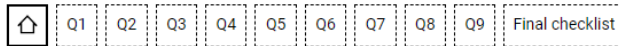


## Geography SH 2024 Snips



2:10:00



# Geography

## 2024 examination

**Section 1** (Questions 1 to 4) 28 marks

**Section 2** (Questions 5 to 9) 32 marks

Answer ***all*** questions

Allow approximately 65 minutes for ***each*** section

Approved calculators may be used

**Total time:** 130 minutes

**Total marks:** 60

*The SACE Board of South Australia acknowledges that this examination was created on Kaurna Land. We acknowledge First Nations Elders, parents, families, and communities as the first educators of their children, and we recognise and value the cultures and strengths that First Nations students bring to the classroom. We respect the unique connection and relationship that First Nations peoples have to Country, and their ever-enduring cultural heritage.*



Source 1

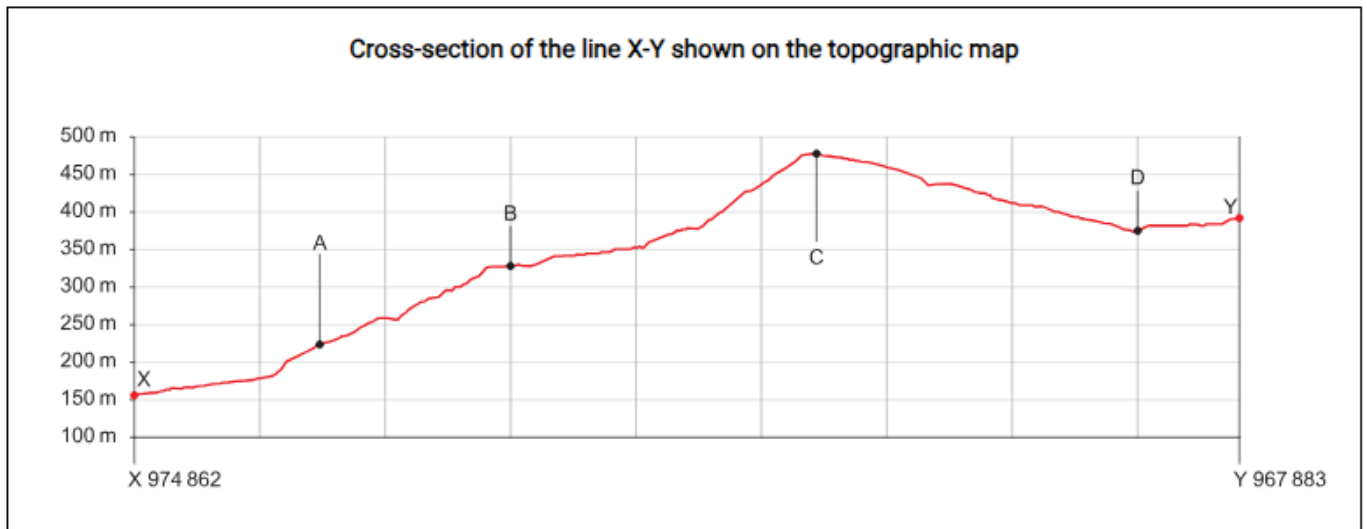
Wollongong Head lighthouse (grid reference 079 891)



Source: Wollongong harbour and lighthouse, viewed 20 June, [www.nsw.gov.au](http://www.nsw.gov.au)



Source 2



Source: adapted from Google Earth 2024, elevation profile of Mount Kembla Lookout and surrounds

Refer to the topographic map of Wollongong on the separate map sheet, when answering Questions 1 and 2.

### Question 1 (a) to (d)(ii)

Refer to Source 1 and the topographic map, when answering parts (a) and (b).

(a) State the direction the photograph in Source 1 is taken from.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div style="display: flex; gap: 10px;"> <span>ABC</span> <span><b>B</b></span> <span><i>I</i></span> <span><u>U</u></span> <span><math>\times^2</math></span> <span><math>\times_2</math></span> <span><math>\frac{1}{3}</math></span> <span><math>\frac{1}{4}</math></span> <span><math>\frac{1}{5}</math></span> <span><math>\frac{1}{6}</math></span> <span><math>\frac{1}{7}</math></span> <span><math>\frac{1}{8}</math></span> <span><math>\frac{1}{9}</math></span> <span><math>\frac{1}{10}</math></span> <span><math>\frac{1}{11}</math></span> <span><math>\frac{1}{12}</math></span> <span><math>\frac{1}{13}</math></span> <span><math>\frac{1}{14}</math></span> <span><math>\frac{1}{15}</math></span> <span><math>\frac{1}{16}</math></span> <span><math>\frac{1}{17}</math></span> <span><math>\frac{1}{18}</math></span> <span><math>\frac{1}{19}</math></span> <span><math>\frac{1}{20}</math></span> </div> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

(1 mark)

(b) What is the approximate longitude of the Wollongong Head lighthouse (grid reference 079 891)?

Select your answer from the list below.

- ☐ 151° 00" E
- ☐ 34° 00" S
- ☐ 151° 00" N
- ☐ 34° 00" E

(1 mark)





Source 1

Steel production facility, Port Kembla

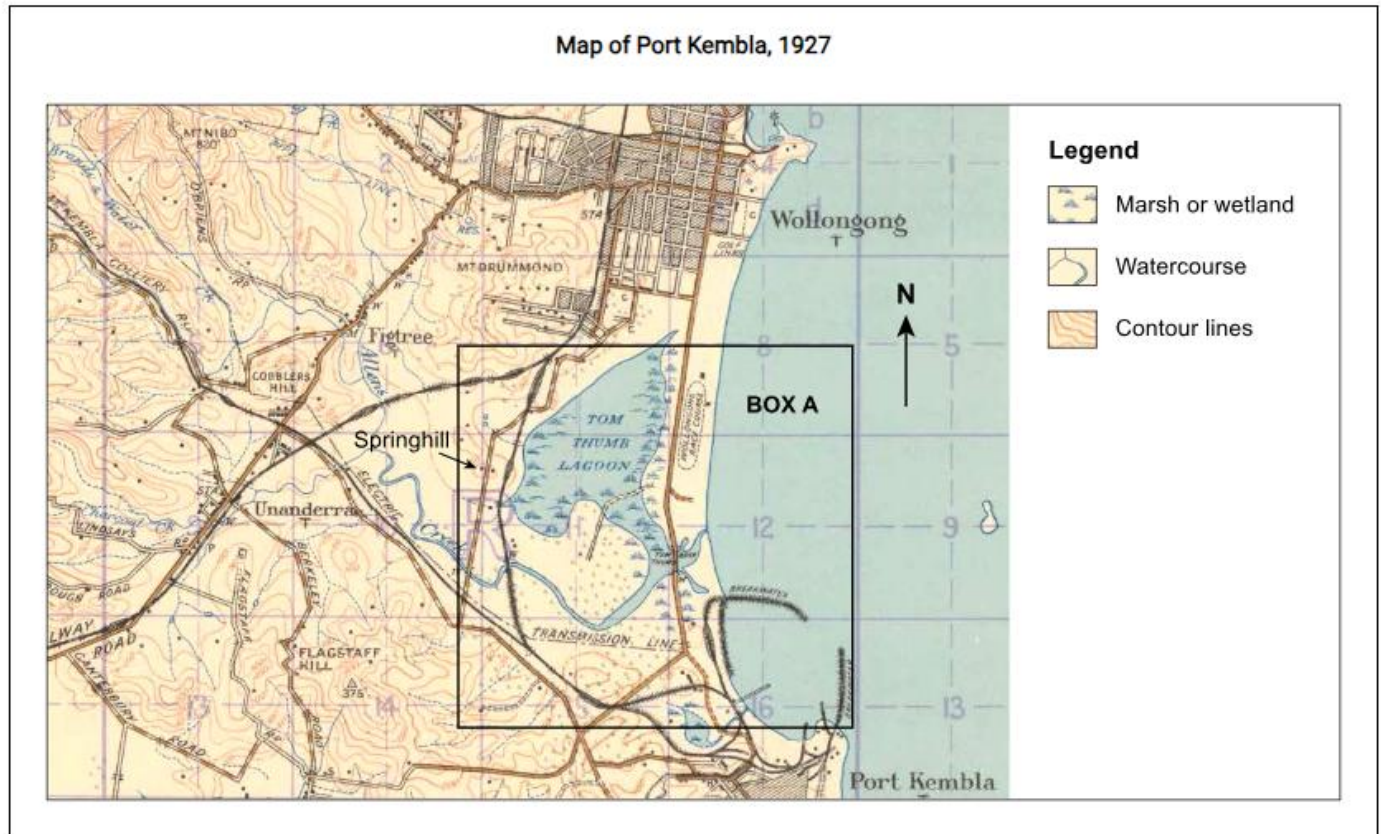


Source: adapted from Butler, J 2015, 'Threat to close BlueScope's Port Kembla Steelworks by 2017', viewed 20 June 2024, [www.illawarramercury.com.au](http://www.illawarramercury.com.au)



Source 2

To get a **better view of the map**, close the Reference Materials pane on the left-hand side of the screen, or click on the full screen symbol on the top-left corner of this section.



Source: adapted from 'Report for Australian industrial energy – Port Kembla gas terminal', appendix-J-historic heritage, fig 5, p 12, viewed 20 June, 2024, [www.squadron-assets.spicyweb.net.au](http://www.squadron-assets.spicyweb.net.au)

**Question 2 (a) and (b)**

*Refer to Source 1 and the topographic map on the map sheet, when answering part (a).*

- (a) A major industrial manufacturer in Australia has a steel production facility at Port Kembla in Wollongong (area reference 05 85).

Evaluate the suitability of this location for a steel production facility.

|       |          |          |          |                |                |  |  |  |  |  |  |  |  |  |  |
|-------|----------|----------|----------|----------------|----------------|--|--|--|--|--|--|--|--|--|--|
| ABC ✓ | <b>B</b> | <i>I</i> | <u>U</u> | x <sup>2</sup> | x <sub>2</sub> |  |  |  |  |  |  |  |  |  |  |
|       |          |          |          |                |                |  |  |  |  |  |  |  |  |  |  |

(4 marks)

*Refer to Source 2 and the topographic map on the map sheet, when answering part (b).*

- (b) Much of the Port Kembla area, shown in Box A in Source 2, has undergone significant change over time.

With reference to Box A in both Source 2 and the topographic map, describe how the area in Box A has changed since 1927.

|       |          |          |          |                |                |  |  |  |  |  |  |  |  |  |  |
|-------|----------|----------|----------|----------------|----------------|--|--|--|--|--|--|--|--|--|--|
| ABC ✓ | <b>B</b> | <i>I</i> | <u>U</u> | x <sup>2</sup> | x <sub>2</sub> |  |  |  |  |  |  |  |  |  |  |
|       |          |          |          |                |                |  |  |  |  |  |  |  |  |  |  |

(3 marks)

Source



Source: adapted from Wollongong city beach dune vegetation site plan 2018, p 6, viewed 20 June 2024, [www.wollongong.nsw.gov.au](http://www.wollongong.nsw.gov.au)

*Refer to the Source, when answering Question 3.*

ABC

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(2 marks)

Source



Source: adapted from Wollongong city beach dune vegetation site plan 2018, p 6, viewed 20 June 2024, [www.wollongong.nsw.gov.au](http://www.wollongong.nsw.gov.au)



Source 2

The local council invited you to conduct fieldwork at Wollongong City Beach on the factors affecting the extent of weed vegetation. The four hypotheses that were proposed are given below.

1. Areas with higher human foot traffic will have higher numbers of weed species present along the dune system.
2. Areas with high coverage of weed vegetation will have less economic activity.
3. Areas with less dune protective infrastructure will have higher coverage of weed vegetation.
4. As distance from the car park increases, the coverage of weed vegetation will decrease.



Source 3

To **view the whole table**, use the scroll bars at the bottom and side of the table, or close the Reference Materials pane on the left-hand side of the screen.

Table: Outline of each hypothesis with a relevant fieldwork technique, justification, and method to ensure validity

| Hypothesis number | Fieldwork technique                      | Justification                                                                  | Method to ensure validity                 |
|-------------------|------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------|
| 1                 | <b>A</b>                                 | Will enable tally of foot traffic to be compared to density of weed vegetation | Carried out at different times of the day |
| <b>B</b>          | Mapping of walkways, signage, and fences | <b>C</b>                                                                       | Multiple sites mapped                     |
| 4                 | <b>D</b>                                 | Will determine levels of biodiversity                                          | <b>E</b>                                  |
| <b>F</b>          | <b>G</b>                                 | Will provide primary evidence of the effect on local business owners           | Large sample size                         |

*Refer to Sources 1 to 3, when answering Question 4.*

**Question 4 (a) to (f)**

*Use information from Sources 1 to 3 to replace the letters in the Table in Source 3.*

(a) Provide the relevant fieldwork technique to replace **A** in the Table.

(1 mark)

(b) Provide the correct hypothesis numbers (2 or 3) to replace **B** and **F** in the Table.

Hypothesis number **B**:

Hypothesis number **F**:

(1 mark)

(c) Provide the relevant justification to replace **C** in the Table.

(1 mark)

(d) Provide the relevant fieldwork technique to replace **D** in the Table.

(1 mark)

(e) Provide the correct method to ensure validity to replace **E** in the Table.

(1 mark)

(f) Provide the relevant fieldwork technique to replace **G** in the Table.

(1 mark)



Source

### Illawarra Escarpment State Conservation Area



Source: adapted from NSW National Parks and Wildlife Service, sublime point walking track, Illawarra Escarpment State Conservation Area, Nick Cubbin © OEH, viewed 20 June 2024, [nationalparks.nsw.gov.au/things-to-do/walking-tracks/sublime-point-walking-track](https://nationalparks.nsw.gov.au/things-to-do/walking-tracks/sublime-point-walking-track)

*Refer to the source and the topographic map on the map sheet, when answering Question 5.*

### Question 5 (a) and (b)

Using Box B on the topographic map and the source, identify **two** ecosystem services within the Illawarra Escarpment State Conservation Area, **and** explain how the processes related to the services contribute to human wellbeing.

(a) Service 1:

### Explanation

ABC

B*I*  x<sup>2</sup>x<sub>2</sub>

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(2 marks)

(b) Service 2:

### Explanation

[illegible]

(2 marks)



Source 1

The growth of the local population has led to the creation of new suburbs as demand for residential development increases.

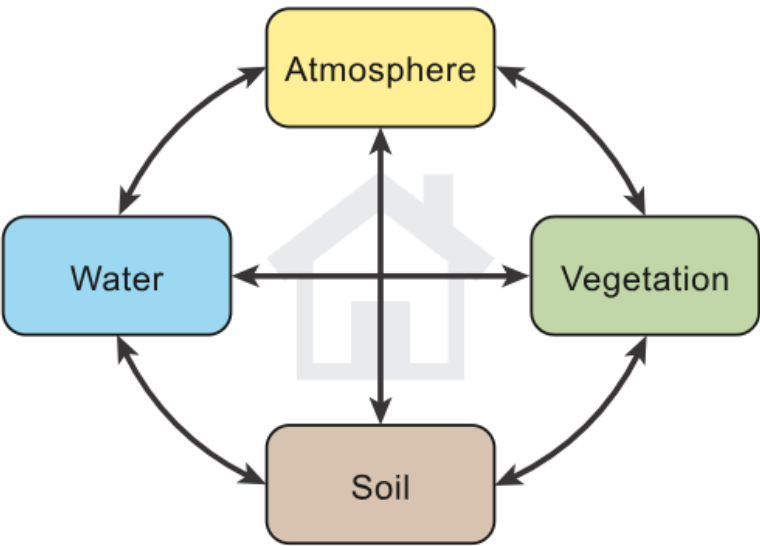


Source: adapted from Future West Dapto Centres, viewed 20 June 2024, [our.wollongong.nsw.gov.au](https://our.wollongong.nsw.gov.au)



Source 2

Components of an ecosystem and their relationships



Refer to Sources 1 and 2, when answering Question 6.

**Question 6 (a) to (c)(ii)**

Areas south-west of Wollongong are the fastest-growing residential areas in New South Wales, outside the Sydney region, and border the Illawarra Escarpment State Conservation Area.

- (a) Explain how land-cover change caused by new housing developments in the south-west of Wollongong may impact the relationship between any two components of the ecosystem model shown in Source 2. Select any **two** pairs of the components.

(i) Pair 1

Impact on relationship

|       |          |          |          |                |                |  |  |  |  |  |  |  |  |  |  |
|-------|----------|----------|----------|----------------|----------------|--|--|--|--|--|--|--|--|--|--|
| ABC ✓ | <b>B</b> | <i>I</i> | <u>U</u> | x <sup>2</sup> | x <sub>2</sub> |  |  |  |  |  |  |  |  |  |  |
|       |          |          |          |                |                |  |  |  |  |  |  |  |  |  |  |

(2 marks)

(ii) Pair 2

Impact on relationship

|       |          |          |          |                |                |  |  |  |  |  |  |  |  |  |  |
|-------|----------|----------|----------|----------------|----------------|--|--|--|--|--|--|--|--|--|--|
| ABC ✓ | <b>B</b> | <i>I</i> | <u>U</u> | x <sup>2</sup> | x <sub>2</sub> |  |  |  |  |  |  |  |  |  |  |
|       |          |          |          |                |                |  |  |  |  |  |  |  |  |  |  |

(2 marks)

- (b) Suggest **three** ways the land-cover change in Wollongong could impact the total ecological footprint of the city.

|       |          |          |          |                |                |  |  |  |  |  |  |  |  |  |  |
|-------|----------|----------|----------|----------------|----------------|--|--|--|--|--|--|--|--|--|--|
| ABC ✓ | <b>B</b> | <i>I</i> | <u>U</u> | x <sup>2</sup> | x <sub>2</sub> |  |  |  |  |  |  |  |  |  |  |
|       |          |          |          |                |                |  |  |  |  |  |  |  |  |  |  |

(3 marks)

- (c) Explain **two** strategies that governments have implemented to reduce ecological footprints of people and improve sustainability of ecosystems.

(i) Strategy 1:

Explanation

|  |   |   |   |                |    |  |   |  |  |  |  |  |
|--|---|---|---|----------------|----|--|---|--|--|--|--|--|
|  | B | I | U | x <sup>²</sup> | x₂ |  | : |  |  |  |  |  |
|  |   |   |   |                |    |  |   |  |  |  |  |  |

(2 marks)

(ii) Strategy 2:

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Explanation

ABC

B I U x<sup>2</sup> x<sub>2</sub>

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(2 marks)

(a) Identify **one** push factor that relates to voluntary migration, and **one** push factor that relates to forced migration.

**B** *I* U x<sup>2</sup> x<sub>2</sub>

(b) Explain how an increase in highly educated immigrants may affect a destination country and/or region.

ABC

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(c) With reference to specific examples from your studies, evaluate the effects of outward migration on origin countries and/or regions.

ABC

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(6 marks)

## Question 8 (a) to (b)(ii)

(a) What is meant by the term '*total fertility rate*'?

|          |          |          |          |            |            |               |               |               |               |               |               |               |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                 |
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| ABC<br>✓ | <b>B</b> | <i>I</i> | <u>U</u> | $\times^2$ | $\times_2$ | $\frac{1}{2}$ | $\frac{1}{3}$ | $\frac{1}{4}$ | $\frac{1}{5}$ | $\frac{1}{6}$ | $\frac{1}{7}$ | $\frac{1}{8}$ | $\frac{1}{9}$ | $\frac{1}{10}$ | $\frac{1}{11}$ | $\frac{1}{12}$ | $\frac{1}{13}$ | $\frac{1}{14}$ | $\frac{1}{15}$ | $\frac{1}{16}$ | $\frac{1}{17}$ | $\frac{1}{18}$ | $\frac{1}{19}$ | $\frac{1}{20}$ | $\frac{1}{21}$ | $\frac{1}{22}$ | $\frac{1}{23}$ | $\frac{1}{24}$ | $\frac{1}{25}$ | $\frac{1}{26}$ | $\frac{1}{27}$ | $\frac{1}{28}$ | $\frac{1}{29}$ | $\frac{1}{30}$ | $\frac{1}{31}$ | $\frac{1}{32}$ | $\frac{1}{33}$ | $\frac{1}{34}$ | $\frac{1}{35}$ | $\frac{1}{36}$ | $\frac{1}{37}$ | $\frac{1}{38}$ | $\frac{1}{39}$ | $\frac{1}{40}$ | $\frac{1}{41}$ | $\frac{1}{42}$ | $\frac{1}{43}$ | $\frac{1}{44}$ | $\frac{1}{45}$ | $\frac{1}{46}$ | $\frac{1}{47}$ | $\frac{1}{48}$ | $\frac{1}{49}$ | $\frac{1}{50}$ | $\frac{1}{51}$ | $\frac{1}{52}$ | $\frac{1}{53}$ | $\frac{1}{54}$ | $\frac{1}{55}$ | $\frac{1}{56}$ | $\frac{1}{57}$ | $\frac{1}{58}$ | $\frac{1}{59}$ | $\frac{1}{60}$ | $\frac{1}{61}$ | $\frac{1}{62}$ | $\frac{1}{63}$ | $\frac{1}{64}$ | $\frac{1}{65}$ | $\frac{1}{66}$ | $\frac{1}{67}$ | $\frac{1}{68}$ | $\frac{1}{69}$ | $\frac{1}{70}$ | $\frac{1}{71}$ | $\frac{1}{72}$ | $\frac{1}{73}$ | $\frac{1}{74}$ | $\frac{1}{75}$ | $\frac{1}{76}$ | $\frac{1}{77}$ | $\frac{1}{78}$ | $\frac{1}{79}$ | $\frac{1}{80}$ | $\frac{1}{81}$ | $\frac{1}{82}$ | $\frac{1}{83}$ | $\frac{1}{84}$ | $\frac{1}{85}$ | $\frac{1}{86}$ | $\frac{1}{87}$ | $\frac{1}{88}$ | $\frac{1}{89}$ | $\frac{1}{90}$ | $\frac{1}{91}$ | $\frac{1}{92}$ | $\frac{1}{93}$ | $\frac{1}{94}$ | $\frac{1}{95}$ | $\frac{1}{96}$ | $\frac{1}{97}$ | $\frac{1}{98}$ | $\frac{1}{99}$ | $\frac{1}{100}$ |
|----------|----------|----------|----------|------------|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|

(1 mark)

(b) Explain, with reference to different factors in each response, why total fertility rates are declining in ***both*** economically developed and economically developing countries.

(i) Reason for declining fertility rates in economically developed countries

|          |          |          |          |            |            |               |               |               |               |               |               |               |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                 |
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| ABC<br>✓ | <b>B</b> | <i>I</i> | <u>U</u> | $\times^2$ | $\times_2$ | $\frac{1}{2}$ | $\frac{1}{3}$ | $\frac{1}{4}$ | $\frac{1}{5}$ | $\frac{1}{6}$ | $\frac{1}{7}$ | $\frac{1}{8}$ | $\frac{1}{9}$ | $\frac{1}{10}$ | $\frac{1}{11}$ | $\frac{1}{12}$ | $\frac{1}{13}$ | $\frac{1}{14}$ | $\frac{1}{15}$ | $\frac{1}{16}$ | $\frac{1}{17}$ | $\frac{1}{18}$ | $\frac{1}{19}$ | $\frac{1}{20}$ | $\frac{1}{21}$ | $\frac{1}{22}$ | $\frac{1}{23}$ | $\frac{1}{24}$ | $\frac{1}{25}$ | $\frac{1}{26}$ | $\frac{1}{27}$ | $\frac{1}{28}$ | $\frac{1}{29}$ | $\frac{1}{30}$ | $\frac{1}{31}$ | $\frac{1}{32}$ | $\frac{1}{33}$ | $\frac{1}{34}$ | $\frac{1}{35}$ | $\frac{1}{36}$ | $\frac{1}{37}$ | $\frac{1}{38}$ | $\frac{1}{39}$ | $\frac{1}{40}$ | $\frac{1}{41}$ | $\frac{1}{42}$ | $\frac{1}{43}$ | $\frac{1}{44}$ | $\frac{1}{45}$ | $\frac{1}{46}$ | $\frac{1}{47}$ | $\frac{1}{48}$ | $\frac{1}{49}$ | $\frac{1}{50}$ | $\frac{1}{51}$ | $\frac{1}{52}$ | $\frac{1}{53}$ | $\frac{1}{54}$ | $\frac{1}{55}$ | $\frac{1}{56}$ | $\frac{1}{57}$ | $\frac{1}{58}$ | $\frac{1}{59}$ | $\frac{1}{60}$ | $\frac{1}{61}$ | $\frac{1}{62}$ | $\frac{1}{63}$ | $\frac{1}{64}$ | $\frac{1}{65}$ | $\frac{1}{66}$ | $\frac{1}{67}$ | $\frac{1}{68}$ | $\frac{1}{69}$ | $\frac{1}{70}$ | $\frac{1}{71}$ | $\frac{1}{72}$ | $\frac{1}{73}$ | $\frac{1}{74}$ | $\frac{1}{75}$ | $\frac{1}{76}$ | $\frac{1}{77}$ | $\frac{1}{78}$ | $\frac{1}{79}$ | $\frac{1}{80}$ | $\frac{1}{81}$ | $\frac{1}{82}$ | $\frac{1}{83}$ | $\frac{1}{84}$ | $\frac{1}{85}$ | $\frac{1}{86}$ | $\frac{1}{87}$ | $\frac{1}{88}$ | $\frac{1}{89}$ | $\frac{1}{90}$ | $\frac{1}{91}$ | $\frac{1}{92}$ | $\frac{1}{93}$ | $\frac{1}{94}$ | $\frac{1}{95}$ | $\frac{1}{96}$ | $\frac{1}{97}$ | $\frac{1}{98}$ | $\frac{1}{99}$ | $\frac{1}{100}$ |
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(2 marks)

(ii) Reason for declining fertility rates in economically developing countries

|          |          |          |          |            |            |               |               |               |               |               |               |               |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                 |
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| ABC<br>✓ | <b>B</b> | <i>I</i> | <u>U</u> | $\times^2$ | $\times_2$ | $\frac{1}{2}$ | $\frac{1}{3}$ | $\frac{1}{4}$ | $\frac{1}{5}$ | $\frac{1}{6}$ | $\frac{1}{7}$ | $\frac{1}{8}$ | $\frac{1}{9}$ | $\frac{1}{10}$ | $\frac{1}{11}$ | $\frac{1}{12}$ | $\frac{1}{13}$ | $\frac{1}{14}$ | $\frac{1}{15}$ | $\frac{1}{16}$ | $\frac{1}{17}$ | $\frac{1}{18}$ | $\frac{1}{19}$ | $\frac{1}{20}$ | $\frac{1}{21}$ | $\frac{1}{22}$ | $\frac{1}{23}$ | $\frac{1}{24}$ | $\frac{1}{25}$ | $\frac{1}{26}$ | $\frac{1}{27}$ | $\frac{1}{28}$ | $\frac{1}{29}$ | $\frac{1}{30}$ | $\frac{1}{31}$ | $\frac{1}{32}$ | $\frac{1}{33}$ | $\frac{1}{34}$ | $\frac{1}{35}$ | $\frac{1}{36}$ | $\frac{1}{37}$ | $\frac{1}{38}$ | $\frac{1}{39}$ | $\frac{1}{40}$ | $\frac{1}{41}$ | $\frac{1}{42}$ | $\frac{1}{43}$ | $\frac{1}{44}$ | $\frac{1}{45}$ | $\frac{1}{46}$ | $\frac{1}{47}$ | $\frac{1}{48}$ | $\frac{1}{49}$ | $\frac{1}{50}$ | $\frac{1}{51}$ | $\frac{1}{52}$ | $\frac{1}{53}$ | $\frac{1}{54}$ | $\frac{1}{55}$ | $\frac{1}{56}$ | $\frac{1}{57}$ | $\frac{1}{58}$ | $\frac{1}{59}$ | $\frac{1}{60}$ | $\frac{1}{61}$ | $\frac{1}{62}$ | $\frac{1}{63}$ | $\frac{1}{64}$ | $\frac{1}{65}$ | $\frac{1}{66}$ | $\frac{1}{67}$ | $\frac{1}{68}$ | $\frac{1}{69}$ | $\frac{1}{70}$ | $\frac{1}{71}$ | $\frac{1}{72}$ | $\frac{1}{73}$ | $\frac{1}{74}$ | $\frac{1}{75}$ | $\frac{1}{76}$ | $\frac{1}{77}$ | $\frac{1}{78}$ | $\frac{1}{79}$ | $\frac{1}{80}$ | $\frac{1}{81}$ | $\frac{1}{82}$ | $\frac{1}{83}$ | $\frac{1}{84}$ | $\frac{1}{85}$ | $\frac{1}{86}$ | $\frac{1}{87}$ | $\frac{1}{88}$ | $\frac{1}{89}$ | $\frac{1}{90}$ | $\frac{1}{91}$ | $\frac{1}{92}$ | $\frac{1}{93}$ | $\frac{1}{94}$ | $\frac{1}{95}$ | $\frac{1}{96}$ | $\frac{1}{97}$ | $\frac{1}{98}$ | $\frac{1}{99}$ | $\frac{1}{100}$ |
|----------|----------|----------|----------|------------|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|

(2 marks)

### Question 9

Explain **one** physical factor that has affected patterns of global population distribution.

Factor:

### Explanation

ABC

B

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$\times^2$

$\times_2$

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(2 marks)

## Final checklist

- ☐ I have reviewed my work
- ☐ I understand that by selecting 'Next' I cannot return to the examination

Next