GEOGRAPHY
Written examination

Thursday 10 November 2005
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

<table>
<thead>
<tr>
<th>Number of questions</th>
<th>Number of questions to be answered</th>
<th>Number of marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

- Students are permitted to bring into the examination room: pens, pencils (including coloured 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 10 pages.
- A data book.

Instructions
- Write your student number in the space provided above on this page.
- All written responses must be in English.

At the end of the examination
- You may keep the data book.

Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.
Question 1

Use Figure 1 on pages 2 and 3 of the data book when responding to Question 1.

a. **Explain** why the forest located in Map Square A could be classified as a sustainable resource.

   ____________________________________________________________

   ____________________________________________________________

   ____________________________________________________________

   ____________________________________________________________

   2 marks

b. i. **Identify** one similarity in the type of resources shown in Map Square B and Map Square C.

   ____________________________________________________________

   ____________________________________________________________

ii. **Identify** one difference in the type of resources shown in Map Square B and Map Square C.

   ____________________________________________________________

   ____________________________________________________________

iii. **Suggest** two reasons why the future development of resources in Map Square C is likely to be greater than in Map Square B.

   ____________________________________________________________

   ____________________________________________________________

   ____________________________________________________________

   ____________________________________________________________

   1 + 1 + 2 = 4 marks
c. How would the jetty located on the map (grid reference 823607) assist spatial interaction in the region of the map?

________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________

2 marks

d. **Identify** one piece of photographic evidence and one piece of map evidence to explain why the land resources have not been developed for annual crop growing.

i. **Photographic evidence**

________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________

ii. **Map evidence**

________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________

2 + 2 = 4 marks

*(suggested time: 24 minutes)*

Total 12 marks
Question 2

Use Figure 2 on pages 4 and 5 of the data book when responding to Question 2.

a. **Discuss** two ways in which the resource mapped in Figure 2(a) and Figure 2(c) of the data book can be classified.

---------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------

4 marks

b. How could a significant change to the current population distribution of Victoria, as shown on Figure 2(d) of the data book, affect the future distribution of this company’s bread shops?

---------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------

4 marks

*(suggested time: 16 minutes)*

Total 8 marks
Question 3
Name and locate a resource you have studied at either the local or the regional scale. You must not use the data included in Figure 1, Figure 2 or Figure 3 of the data book in your answer.

Name of resource ________________________________________________________________

Location of resource ____________________________________________________________

a. Describe how the development of the resource studied has produced one positive effect and one negative effect.
   i. Positive effect

   __________________________________________________
   __________________________________________________
   __________________________________________________
   __________________________________________________

   ii. Negative effect

   __________________________________________________
   __________________________________________________
   __________________________________________________
   __________________________________________________

 2 + 2 = 4 marks

b. Evaluate the strategies that have been designed to implement a policy to deal with either the positive effect or the negative effect described in your answer above.

   __________________________________________________
   __________________________________________________
   __________________________________________________
   __________________________________________________
   __________________________________________________
   __________________________________________________
   __________________________________________________

6 marks

(suggested time: 20 minutes)

Total 10 marks
Question 4

Use Figure 3 on pages 6 and 7 of the data book when responding to Question 4.

a. **Describe** the migration routes of humpback whales.

b. **Discuss** the spatial association between the winter breeding areas of the right whale and the distribution of shallow ocean water.
‘The number, size and location of current whale sanctuaries are inadequate for the future conservation of humpback and right whales.’

c. **Evaluate** this statement with reference to the data provided.

5 marks

*(suggested time: 26 minutes)*

Total 13 marks
Question 5

a. Use the world outline map provided below to map the distribution of a human global phenomenon you have studied this year. You must not use the data included in Figure 3 of the data book in your answer.

b. On the outline map above, locate and name the following places relevant to your phenomenon.
   i. one example at a local scale
   ii. one example at either a regional or national scale

   Clearly distinguish on the map the two different scales.
c. Explain how two factors have operated to create the pattern of your mapped phenomenon.
   i. Factor one

   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________

   ii. Factor two

   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________

   2 + 2 = 4 marks
d. **Describe** a policy designed to manage the impact of your global phenomenon at one of the named locations you have mapped.

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

4 marks

e. How successful has this policy been in managing the impact of this global phenomenon?

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

4 marks

*(suggested time: 34 minutes)*

Total 17 marks
GEOGRAPHY
Written examination

Thursday 10 November 2005
Reading time: 3.00 pm to 3.15 pm (15 minutes)
Writing time: 3.15 pm to 5.15 pm (2 hours)

DATA BOOK

Directions to students

- A question and answer book is provided with this data book.
- Refer to the data in this book for each question as indicated in the question and answer book.
- The data contained in this book is drawn from current real world case studies.

Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.
Figure 1 (a): Loch Linnhe map extract

Figure 1 (b): Key to Figure 1 (a)

Source: Land and Property Information NSW. 2000

Source: Crown Copyright Ordinance Survey (UK)
Figure 1 (c): Location map

Figure 1 (d):

Background information

The area shown on the map extract of Figure 1(a) is part of the Scottish Highlands. Located at latitude 56.45° north, the climate is cool in summer and the area is snow-covered in winter. These characteristics, together with the area’s isolation, limit the range of activities undertaken by people.

Figure 1 (e): Small scale farming in the Scottish Highlands

Figure 1 (f): Cattle grazing in the Scottish Highlands
Bread shops

Figure 2: Bread shops

Figure 2 (a): One company’s bread shops in Melbourne and nearby regions

Figure 2 (b):

Background information

Bread shops are a familiar landmark in many shopping centres. There are several large companies operating a number of bread shops. Figures 2(a) and 2(c) show the distribution of one company’s bread shops.
Figure 2 (c): One company’s Victorian bread shops

Figure 2 (d): Victoria’s population distribution
Figure 3 (a): Migration of humpback whales

Figure 3 (b): Migration of right whales
During the nineteenth and early twentieth centuries many species of whale were hunted, almost to extinction. Most whales are now protected from hunting by international agreement and by the establishment of whale sanctuaries in the Indian and Southern oceans. However, some countries continue to hunt whales for 'scientific' or 'cultural' purposes. The number of whales throughout the world is increasing and some species have recovered from near extinction. Australia has banned hunting of whales in Australian waters.