



CATHOLIC SECONDARY SCHOOLS
ASSOCIATION OF NEW SOUTH WALES

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Centre Number

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Student Number

2006

**TRIAL HIGHER SCHOOL CERTIFICATE
EXAMINATION**

Geography

Morning Session
Thursday 10 August 2006

General Instructions

- Reading time – 5 minutes
- Working time – 3 hours
- Write using blue or black pen
- Board-approved calculators may be used
- Use Multiple Choice Answer Sheet provided
- A Stimulus Booklet is provided with this paper
- Write your Centre Number and Student Number at the top of this page and page 5

Total marks – 100

Section I

Pages 2-4

15 marks

- Attempt Questions 1-15
- Allow about 25 minutes for this section

Section II

Pages 5-9

25 marks

- Attempt Questions 16-19
- Allow about 45 minutes for this section

Section III

Page 13

60 marks

- Attempt Questions 20-22
- Allow about 1 hour and 50 minutes for this section

Disclaimer

Every effort has been made to prepare these 'Trial' Higher School Certificate Examinations in accordance with the Board of Studies documents, *Principles for Setting HSC Examinations in a Standards-Referenced Framework* (BOS Bulletin, Vol 8, No 9, Nov/Dec 1999), and *Principles for Developing Marking Guidelines Examinations in a Standards Referenced Framework* (BOS Bulletin, Vol 9, No 3, May 2000). No guarantee or warranty is made or implied that the 'Trial' Examination papers mirror in every respect the actual HSC Examination question paper in any or all courses to be examined. These papers do not constitute 'advice' nor can they be construed as authoritative interpretations of Board of Studies intentions. The CSSA accepts no liability for any reliance use or purpose related to these 'Trial' question papers. Advice on HSC examination issues is only to be obtained from the NSW Board of Studies.

1301-1

Section I

15 marks

Attempt Questions 1-15

Refer to the Stimulus Booklet

Allow about 25 minutes for this section

Use the Multiple Choice Answer Sheet provided

Refer to Source B

- 1 Which industry employs the greatest number of people in Orbost?
- (A) Retail trade
 - (B) Manufacturing
 - (C) Health and community services
 - (D) Agriculture, forestry, fishing and hunting
- 2 Which of the following statements best describes the informal economy of mega cities?
- (A) Paid, regular work
 - (B) Casual and piecemeal work
 - (C) Unskilled, low paid manual work
 - (D) Work where taxes are not paid nor regulated by labour laws

Refer to Source D

- 3 What is the approximate area of the built up area of Orbost?
- (A) 2000 m
 - (B) 2 km²
 - (C) 20 km²
 - (D) 200 km²

Refer to Source D

- 4 What is the local relief in AR 2930?
- (A) 20 m
 - (B) 50 m
 - (C) 60 m
 - (D) 100 m

Refer to Source D

- 5 What is the general direction of flow of the Snowy River on the map extract?
- (A) North
 - (B) South
 - (C) North West
 - (D) South East

Refer to Source D

- 6** If you were standing on the bridge at GR 280245, which of the following would you not be able to see?
- (A) The hill in AR2918
 - (B) The cemetery in AR 2825
 - (C) Lake Corringale in AR 3117
 - (D) The township of Jarrahmond

Refer to Source D

- 7** What is the average gradient between GR 290150 and GR 292190?
- (A) 1: 5
 - (B) 1: 50
 - (C) 1: 500
 - (D) 1: 5000

Refer to Source D

- 8** What is the dominant form of vegetation in AR 1414?
- (A) Dense forest
 - (B) Pine plantation
 - (C) Scattered scrub
 - (D) Perennial swamp

Refer to Sources D

- 9** What is the bearing of the rifle range in AR 2928 from the cemetery in AR 2825?
- (A) 15°
 - (B) 195°
 - (C) North east
 - (D) South west
- 10** Which of the following best describes the purpose of a cross section?
- (A) To show the slope of the land
 - (B) To show the topography between two points on a map
 - (C) To show variations in landuse between two points on a map
 - (D) To show the difference in height between two points on a transect

Refer to Source E

- 11** Which of the following best describes the impact of a reduction in the population of Australian Bass in the Snowy River?
- (A) Loss of biodiversity
 - (B) Loss of intrinsic values
 - (C) Loss of social and cultural values
 - (D) Loss of indigenous heritage values

Refer to Source G

- 12** Which of Australia's major commodity exports showed the greatest proportional increase from 2003-04 to 2004-05?
- (A) Liquid natural gas
 - (B) Crude oil
 - (C) Iron, steel
 - (D) Beef, veal

Refer to Source G

- 13** What was the increase in Russia's Coal Exports from 2002 to 2003?
- (A) 3 million tonnes
 - (B) 15 million tonnes
 - (C) 30 million tonnes
 - (D) 60 million tonnes

Refer to Source H

- 14** What was the total amount of coal exported from Australia in 2003?
- (A) 29%
 - (B) 20.85 million tonnes
 - (C) 208.5 million tonnes
 - (D) 719 million tonnes
- 15** A developer proposes building a resort in an environmentally sensitive area. In order to assess the significance of any predicted change, which of the following should be completed?
- (A) A Regional Environmental Plan (REP)
 - (B) An Ecological Dimension Report (EDR)
 - (C) A Geographical Information System (GIS)
 - (D) Environmental Impact Statement (EIS)



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Centre Number

Geography

Section II

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Student Number

25 marks

Attempt Questions 16-19

Allow about 45 minutes for this section

Use the Stimulus Booklet and your knowledge of Geography to answer Questions 16-18 in the spaces provided.

Question 16 (3 marks)

Marks

Refer to Source B to answer Question 16

Complete a compound bar graph and key showing employment by industry in Orbost and Barnsdale in 2001. Use the following three industries to complete the graph;

3

- Agriculture, forestry, fishing and hunting
- Manufacturing
- Cultural and recreational services



Employment by Industry in Orbost (number)

KEY

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| | Agriculture, forestry, fishing and hunting |
| | Manufacturing |
| | Cultural and recreational services |

Question 18 (8 marks)

Marks

Refer to the tables, *Global Banking Firm Locations* and *Global Advertising Firm Locations* below and your own knowledge to answer Question 18 a and b.

Global Banking Firm Locations

| Major Centre | Intermediate Centre | Minor Centre |
|------------------------|-----------------------|-------------------|
| London (Great Britain) | Houston (USA) | New Delhi (India) |
| New York (USA) | Sydney (Australia) | Lisbon (Portugal) |
| Tokyo (Japan) | Shanghai (China) | Dublin (Ireland) |
| Frankfurt (Germany) | Singapore (Singapore) | Cairo (Egypt) |

Global Advertising Firm Locations

| Major Centre | Intermediate Centre | Minor Centre |
|------------------------|---------------------|--------------------------|
| New York (USA) | Athens (Greece) | Auckland (New Zealand) |
| Tokyo (Japan) | Frankfurt (Germany) | Cape Town (South Africa) |
| Paris (France) | Brussels (Belgium) | Sydney (Australia) |
| London (Great Britain) | Boston (USA) | Buenos Aires (Argentina) |

Adapted from www.lboro.ac.uk/depaartments/gylgawc/rb/rbs/html

(a) Outline the spatial distribution of World Cities.

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Question 17 continues on page 8

Question 18 (continued)

Marks

(b) Account for the economic authority of World Cities.

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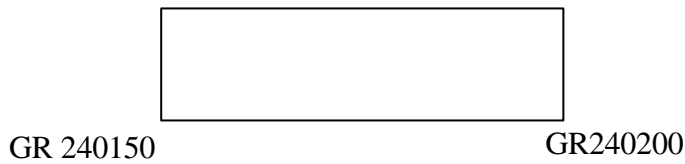
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Question 19 (7 marks)

Marks

- (a) Complete a vegetation transect and a key from GR 240150 and GR 240200 **2**



KEY

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- (b) Identify a geographical issue located on Source D and develop a research focus question referring to this issue. **1**

Focus Question:

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- (c) Identify and justify a primary research methodology to investigate the issue stated in Question19 b. **2**

| Methodology | Justification for use of this methodology |
|--------------------|--|
| | |

- (d) Name a vocation that would use the research findings in their workplace. **1**

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- (e) State how the research findings would be used by this vocation. **1**

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Geography

Section III

60 marks

Attempt Questions 20-22

Allow about 1 hour and 50 minutes for this section

Answer each question in a SEPARATE writing booklet.

In this section you will be assessed on how well you:

- present a sustained, logical and well-structured answer to the question
 - communicate geographical information, ideas and issues
 - refer to appropriate case studies, illustrative examples and the Stimulus Booklet where appropriate
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Question 20 (20 marks)

Evaluate the traditional and contemporary management strategies of ecosystems at risk.

Question 21 (20 marks)

Compare one urban dynamic operating in a country town or suburb with an urban dynamic operating in Orbost evident in the Stimulus Booklet.

Question 22 (20 marks)

Describe and account for the nature, spatial distribution and future directions of an economic activity studied in a global context.

End of paper

EXAMINERS

D Hamper co-convenor

Wenona School

S McLean co-convenor

Saint Ignatius' College, Riverview

W Beencke

Consultant

J Gleeson

Pymble Ladies' Collge

S Kerr

Wenona School

M Peacock

Pymble Ladies' College