

SURNAME FIRST NAME

JUNIOR SCHOOL SENIOR SCHOOL



Independent Schools
Examinations Board

COMMON ENTRANCE EXAMINATION AT 13+

GEOGRAPHY

Wednesday 28 January 2009

Please read this information before the examination starts.

- This examination is 60 minutes long.
- There are two sections: Section A and Section B.
- Answer **all** the questions in Section A and **two** questions in Section B.
- You are advised to spend 35 minutes on Section A and 25 minutes on Section B.
- Handwriting and presentation are important.

SECTION A

Answer ALL the questions in this section.

1. Look at the 1:50 000 Ordnance Survey map of Bethesda.

(a) What is the height of Moel Wnion in grid square 6469? (1)

(b) In which direction is Bethesda from Moel Wnion in grid square 6266? (1)

(c) What is the distance along the A55 from the roundabout at 594696 to the bridge at 663733?
..... (2)

(d) Describe the physical landscape in the following grid squares:

(i) 6262
.....
..... (3)

(ii) 6573
.....
..... (3)

(iii) In which of these grid squares is a landslide most likely to occur?
..... (1)

(e) What is the approximate size of Marchlyn Mawr Reservoir in grid squares 6161 and 6162?

Circle the correct answer.

0.3 km² 0.6 km² 0.9 km² (1)

2. Look at the Ordnance Survey map and find the area between northings 58 and 63 and eastings 63 and 65.

(a) Name two features in this area which have been formed by rivers or ice.

1:

2: (2)

(b) Name and describe two processes of either river or glacial erosion.

1: name:

description:

..... (2)

2: name:

description:

..... (2)

3. Grid square 6372 experiences different weather conditions from grid square 6665.
(a) State three ways in which they may differ, and explain why each difference occurs.

1:

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2:

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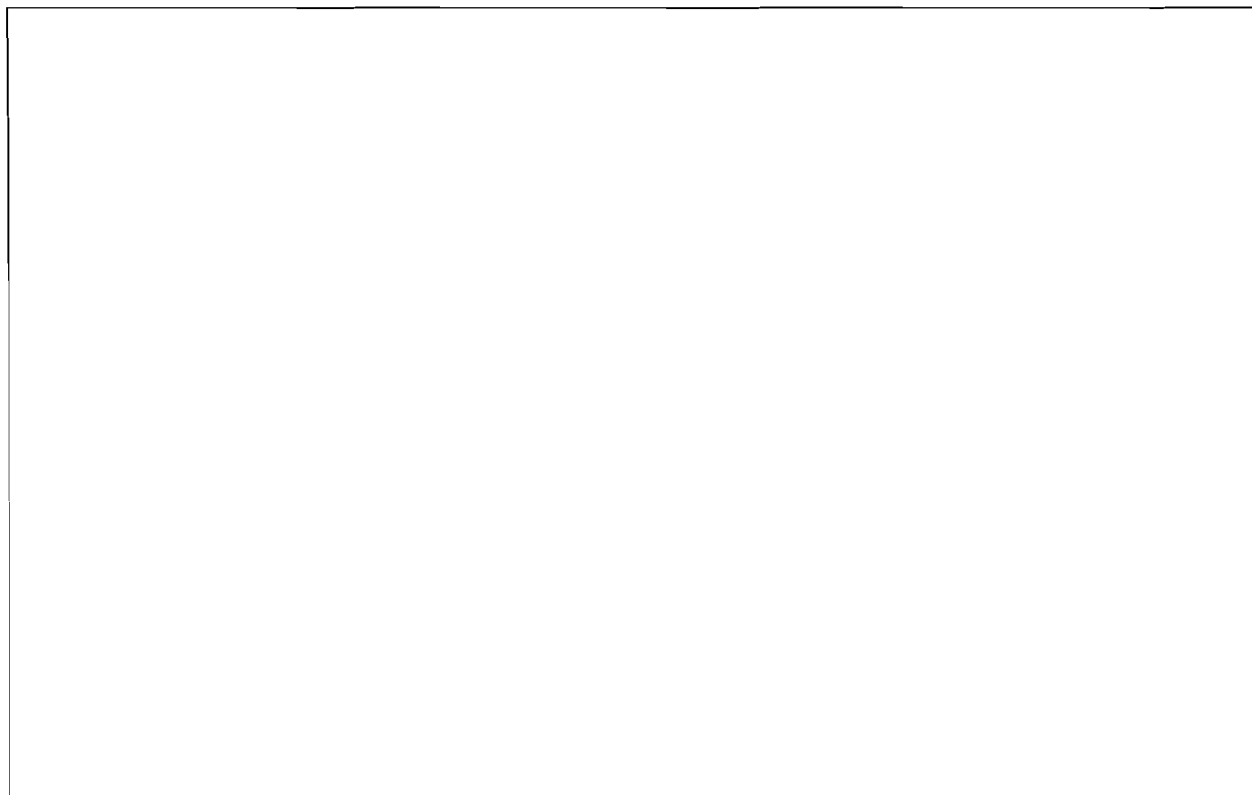
3:

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(6)

4. Draw and label a diagram of the water cycle.



(5)

5. (a) What type (sector) of economic activity is quarrying?

..... (1)

(b) What conflicts might the quarry in grid square 6264 cause in the local environment and community?

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.....
..... (4)

6. Traditionally, people in this area made a living from mining and quarrying. In the southwest of the map, there are many quarries which have closed down.

(a) What impact would these closures have had on villages such as Llanberis (5760)?

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..... (4)

(b) Using map evidence to support your answer, suggest what is now the main economic activity in Llanberis.

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..... (2)

7. (a) Why was 602719 an ideal site for a castle?

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(4)

(b) There are famous castles in the following cities:

Edinburgh Cardiff Dublin Belfast

Mark and name these towns on the British Isles map.

(4)

(c) Name the seas marked **X** and **Y** on the British Isles map.

(2)

SECTION B

Now answer TWO questions in this section.

1. Earthquake or Volcano

(a) Describe the distribution of earthquakes or volcanoes around the world.

.....
.....
..... (2)

(b) Name your chosen earthquake or volcano:

Mark and name your case study earthquake or volcano, and two others, on the world map. (3)

(c) Explain in detail the causes of your earthquake or volcano.

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.....
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..... (4)

Turn over for 1 (d)

(d) Describe the impact of your earthquake or volcano on people and the environment.

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(6)

2. Weather / Climate Hazard



The diagram is from *Insight Geography: The Environment* by V Bishop and R Prosser published by Harper Collins.

3. Global Economic Activity

Name your chosen industry:

(a) Mark and name three locations of your chosen industry on the world map. (3)

(b) Why has this industry become global in recent years?

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..... (5)

(c) Describe the impacts of your industry on the countries where it is located.

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(7)

(Total marks: 80)