OUNDLE
School

2018 Academic Scholarship Paper

Geography

Time allowed: **1 hour 30 minutes**

Write all answers on A4 lined Paper.

Also needed:

- **1:25 000 OS map extract of "Beaconsfield & High Wycombe, Buckinghamshire."**
- **Insert** *(containing the map key for use with the above)*

Instructions:

- Write your name at the top of each separate page you write on.
- Clearly number every question that you answer;
- Answer the following:
  - All **of Section A**;
  - One **question from Section B; (e.g. B1 OR B2)**
  - One **from Section C.**
- The marks available for each question are shown in brackets; the length of each answer relate to the number of marks and this should guide you on how much time to spend on each.

Information:

- The total number of marks for this paper is **60.** Each section is weighted **equally;**
- Credit will be given for the use of examples, labelled maps and sketches/diagrams, where used appropriately.

Section A: Applied Map work

You **must** answer all of Section A.
You **should** refer to the Map Key, contained in the Resource Booklet.
You may write on the map, if needed.

1. Study the map extract entitled: "Beaconsfield & High Wycombe, Buckinghamshire." (1:25,000 scale.)

(a) Identify the following:

i)	Feature **A** (boxed)	**(1)**
ii)	Which area of land is steeper **B** or **C**	**(1)**
iii)	The name of the farm contained in grid square 91,91	**(1)**
iv)	The water feature at point **D**	**(1)**
v)	The type of agriculture/land use at **E** (area bordered in blue)	**(1)**
vi)	The tourist or leisure facility found at grid reference: 902,916	**(1)**

(b) Identify the 6 figure grid references for the two railway stations found on the map. **(2)**

(c) Using map evidence, explain why Loudwater (90,90) is a site of industry **(4)**

(d) Describe the layout of the road network on the OS map extract. **(4)**

(e) Look at the location of Town Farm (906,924).

Suggest 4 reasons why the land surrounding this farm is used for pastoral farming (e.g. animals such as sheep/cows) rather than arable (e.g. growing crops). **(4)**

(Total marks for section A = **20 marks**)

Section B: Applied Physical and Human Geography

Choose **one** question from this section **(either B1 or B2)**

Question B1 (Applied Physical Geography)

Study **Figure B1** below which shows a particular 'plate boundary.'

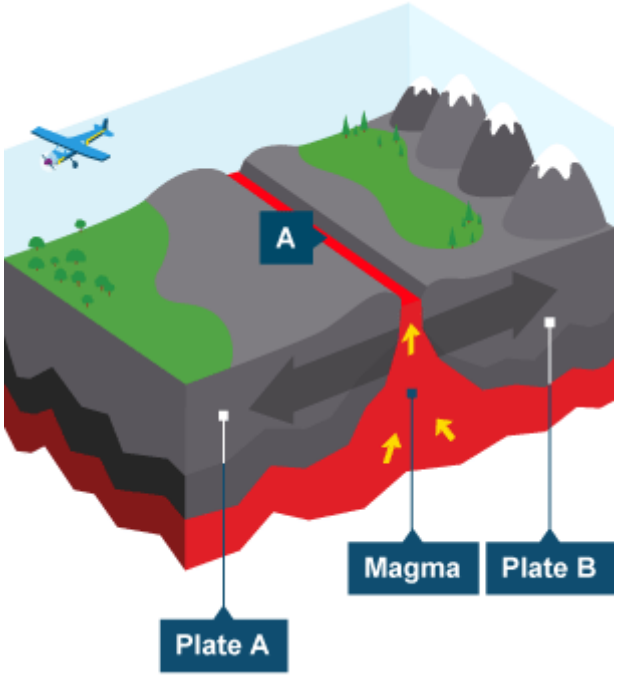


Figure B1

a. Name the type of plate boundary show in **Figure B1.** **(1)**

b. Define the terms: **(2)**

- Earthquake
- Volcanic Eruption

c. Identify the differences between continental and oceanic crust. **(2)**

d. Describe the advantages of living near to a volcano **(4)**

e. Identify why volcanic eruptions only occur at particular places around the globe. **(2)**

f. Describe how people may prepare for an earthquake event. **(3)**

g. Describe the responses for a volcanic or earthquake event you have studied. **(6)**

(Total marks for question B1 = **20 marks**)

Question B2 (Applied Human Geography)

DO NOT answer this question if you have just answered **B1**.

Study **Figure B2**, which shows the area (km^2), population and population density (pop.km^2) data for a number of different areas/countries.

Country/Area	Area (km^2)	Population	Density (pop./km^2)
World (land only, excluding Antarctica)	134,940,000	7,616,708,000	56
Macau (China)	30.5	650,834	21,339
Monaco	2.02	37,550	18,589
Singapore	719.9	5,612,300	7,796
Hong Kong (China)	1,106.34	7,409,800	6,698
Gibraltar (UK)	6.8	33,140	4,874
Bahrain	757	1,451,200	1,917
Vatican City	0.44	800	1,818
Malta	315	460,297	1,461
Bermuda (UK)	52	63,779	

Figure B2

a. Calculate the population density for Bermuda (UK) from the table **(2)**

b. Describe the likely problems for people in crowded cities/urban areas. **(4)**

c. Describe the factors which early settlers would have considered before choosing a site for a settlement. **(4)**

Study Diagram A (Insert), which show by how much (as a %) the population of some major UK cities are likely to increase by 2035.

d. Describe the trends and patterns shown in **Diagram A.** **(3)**

e. By how much larger is the percentage increase of Edinburgh compared to Glasgow. **(1)**

f. For a planned or completed transport project, describe and explain the costs and benefits. **(6)**

(Total marks for question B2 = **20 marks**)

Section C: Essays

Choose only **ONE** question from this section.
Credit will be given for appropriate use of diagrams/examples.

All questions are marked out of 20 marks.

1. Identify and explain the reasons behind the location of an economic activity you have studied.

2. "Climate Change is the biggest problem facing mankind." To what extent do you agree?

3. Describe and explain the influence of latitude, altitude and relief on the climate of the UK. You should refer to named places as part of your answer.

4. Explain the role of coastal erosion and deposition on the creation of coastal landforms. Credit will be given for annotated sketches and diagrams.

5. Describe the short and long term responses for a flood event you have studied.

6. Using an example you have studied, explain why it is important for urban areas to be built in an environmentally sensitive way.

7. "Developing countries need support from developed countries if they are to grow and thrive." To what extent do you agree?

8. Explain how economic activity can bring both benefits and problems to a settlement/region, you should refer to examples as part of your answer.

9. Explain why larger settlements often have a higher range and number of shops and services, you must refer to named examples to support your answer.

(Total marks for Section C= **20 marks**)