OUNDLE

School

2017 Academic Scholarship 2017

Geography

Time allowed: **1 hour 30 minutes**

Write all answers on A4 lined Paper.

Also needed:

- **1:50 000 OS map extract of Baslow**
- **Insert to answer Section B2 Question 1 and 2**

Instructions:

- Write your name at the top of each separate page you write on.
- Clearly number every question that you answer;
- Attempt **three** questions:
  - A**ll of Section A**;
  - O**ne question from Section B; and**
  - O**ne 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 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 labelled maps and diagrams, where used appropriately.

Section A: Applied Mapwork

You **must** answer all of Section A.

1. Study the map extract for Baslow, UK. The scale is 1:50 000.

Figure A1 shows some features in the Northern part of the map extract. Study **Figure A1**, the map extract and the key, and answer the questions below.

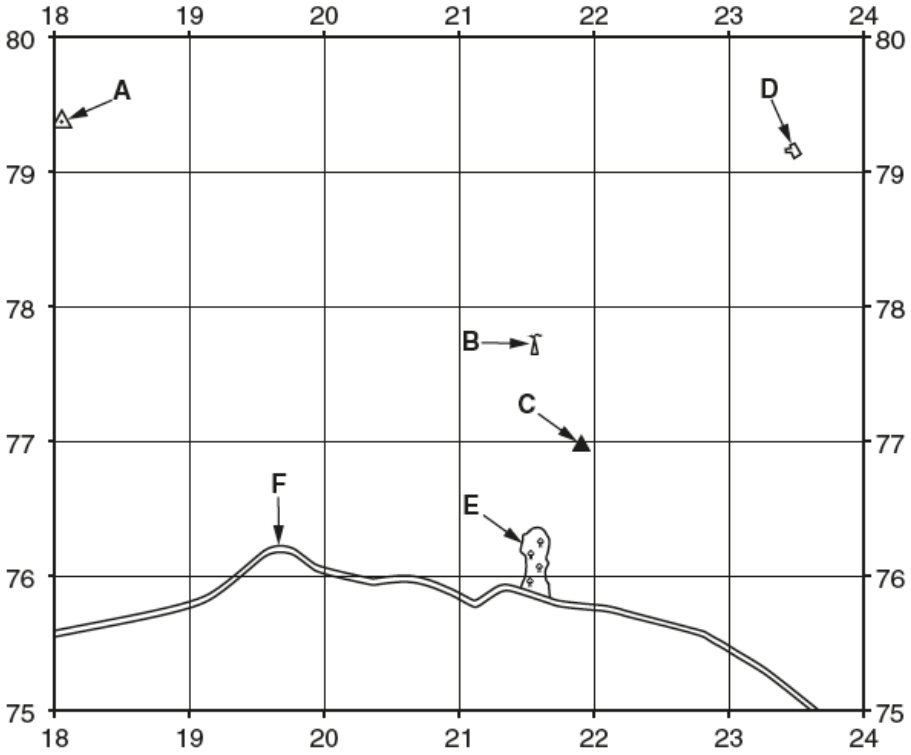


Figure A1

(a) feature **A**; **(1)**

(b) feature **B**; **(1)**

(c) feature **C**; **(1)**

(d) the name of the building at **D**; **(1)**

(e) the type of vegetation at **E**; **(1)**

(f) the type of road at **F**; **(1)**

(g) Identify two services that are provided in both Eyam and Stoney Middleton **(2)**

(h) Using map evidence, explain why there are few settlements to the East of the map extract **(4)**

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

(j) Look at the location of the footpath named Heritage Way running north to south close to northing 24.

Suggest 4 reasons why this would be a popular footpath for walkers. **(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)

1. Study **Figure B1** below which shows coastal landforms.

Describe how a coastal stack is formed **(4)**

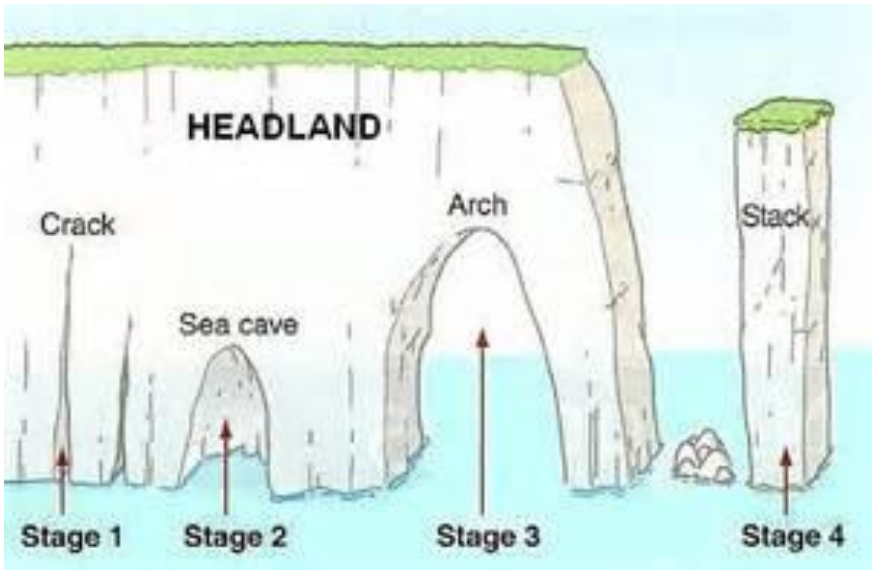


Figure B1

2. Suggest how the rock type on the coastline might affect rates of coastal erosion. **(2)**

3. Define these key terms **(2)**

(a) Deposition

(b) Backwash

4. Describe how sediment (material) is transported along a coastline. **(2)**

5. Describe and explain the **two** benefits of coastal tourism for the residents of a coastal settlement **(4)**

6. For a named coastline that you have studied, explain how it is being managed to reduce flooding.

(6)

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

Question B2 (Applied Human Geography)

Do NOT answer this question if you have just answered B1

1. **(a)** Study **Figure B2**, which shows the environmental impacts of producing a brand of processed cheese, along with Photograph B (Insert) which shows this manufactured product.

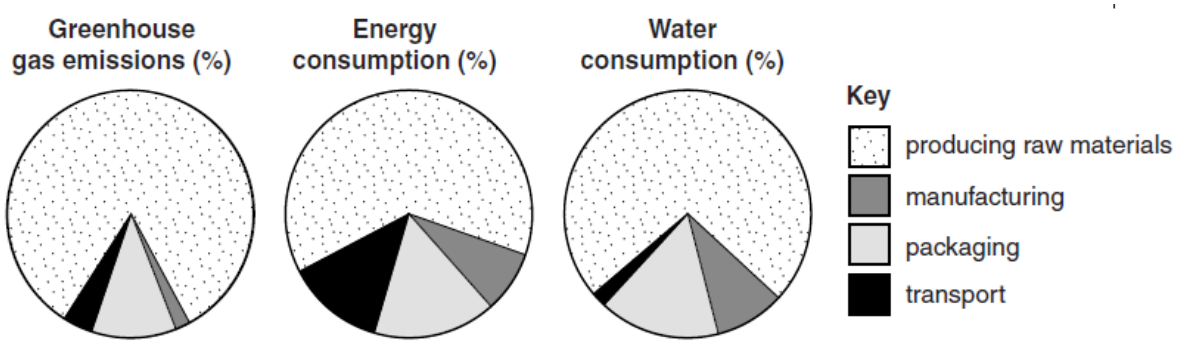


Figure B2

(i) During which stage is there the greatest environmental impact? **(1)**

(ii) Identify **two** ways in which the transport of the manufactured product may damage the natural environment. **(2)**

2. Study Photographs C, D and E (Insert), which show three different types of economic activity.

(a) Which statement from the list below is the best definition of economic activity? **(1)**

A	The use of energy
B	Activities which damage the natural environment
C	The production and distribution of goods and services
D	People who are of working age

(b) For each of the three types of economic activity in Photographs C, D and E, identify and list whether it is in the primary, secondary or tertiary sector. **(2)**

3. Describe how a coastal location can benefit industry. **(2)**

4. Describe and explain the benefits that a multi-national company can bring to the area in which it is located. You should use an example of a multi-national company that you have studied. **(6)**

5. Describe and explain the reasons for the location of a multi-national in an LEDC. You should use an example of a multi-national company that you have studied. **(6)**

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

Section C: Essays

Choose **one** question from this section. Credit will be given for use of examples and appropriately used diagrams.

All questions are marked out of 20 marks

1. Describe the causes of an earthquake or volcanic eruption that you have studied and discuss the effects of this event.

2. Describe the causes of the main temperature and rainfall patterns in the British Isles. You should refer to named places within the British Isles.

3. Coastal landforms are created by a mix of different processes. Discuss these processes using at least three different types of coastal landforms as examples.

4. Why are some areas of the UK more densely populated than others? Explain using named examples of places.

5. For an urban development that you have studied, explain how it was developed in an environmentally sensitive way.

6. For a completed or planned transport project that you have studied, discuss the economic and environmental costs and benefits of it.