



**OUNDLE**

School

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# EXAMINATION PAPER

## Academic Scholarship 2022

### Geography

Time allowed: 1 hour 30 minutes

Name: \_\_\_\_\_

#### Instructions

- Answer on lined paper. Write your name clearly at the top of each sheet of paper that you use.
- Also needed 1:25 000 OS map extract of Ballyvaghan.
- Answer **ALL** the questions in **Section A**. Choose **ONE** question from **Section B** (B1 or B2). Answer **ONE** question 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.
- You are expected to write clearly and accurately throughout each of your answers. You should leave some time towards the end of the examination to check your work carefully.
- Credit will be given for the use of examples, labelled maps and sketches/diagrams, where used appropriately.
- The maximum number of marks for this paper is 60.

## SECTION A: MAP WORK [20 marks]

You must answer all of the questions in section A. You should refer to the map key on the map extract of Ballyvaghan. **If you write on the map, please include your name too.**

1. Identify the following:
  - a. The spot height in grid square 26,07. [1 mark]
  - b. The 4 figure grid reference for the Police in Ballyvaghan. [1 mark]
  - c. The direction you would travel if you followed the National Secondary Road out of Ballyvaghan to Bishopsquarter. [1 mark]
  - d. The distance along the National Secondary Road from the junction at 283,085 to the junction at 317,104 in kilometres. [1 mark]
  - e. The relief height of the majority of the land on the map extract. [1 mark]
  - f. The type of boundary that runs across Aughinish Bay in the north-eastern corner of the map extract. [1 mark]
  - g. Whether the area shown in the map extract is sparsely or densely populated. [1 mark]
  - h. A piece of evidence from the map extract to prove that the area on the map extract is either sparsely or densely population and explain why you have chosen it. [2 marks]
2. Describe the landscape features visible on the map extract. [4 marks]
3. Suggest why it is unlikely that there is a large secondary industry in the area shown in the map extract e.g. manufacturing. [4 marks]
5. Look at the water features section of the key. Why is there unlikely to be a large tourist industry in the area shown on the map extract. [3 marks]

## SECTION B: PHYSICAL & HUMAN GEOGRAPHY [20 marks]

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

B1.

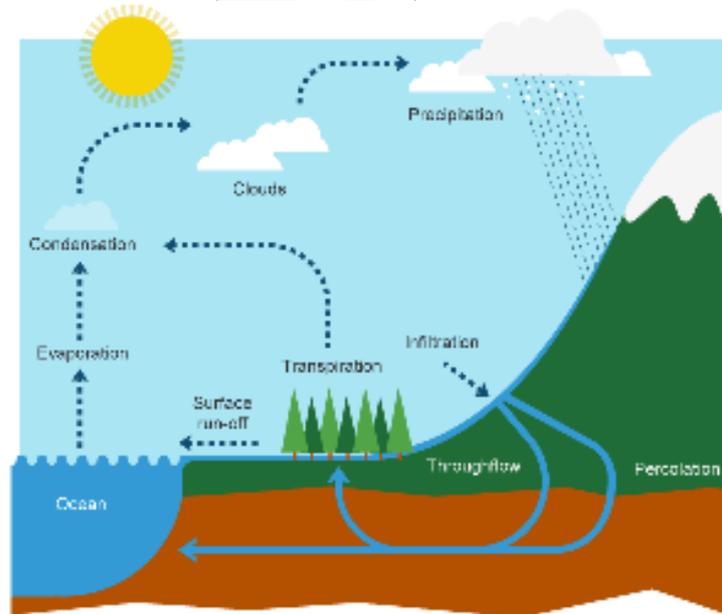


Figure 1

- Name the process that describes rain, hail, sleet or snow, shown on Figure 1. [1 mark]
- Name one store of water, shown on Figure 1. [1 mark]
- What is the difference between weather and climate? [2 marks]
- Describe three factors that cause there to be microclimates. [3 marks]
- Explain how one factor causes rainfall variation in the British Isles. [3 marks]
- Draw a diagram to show relief rainfall. [4 marks]

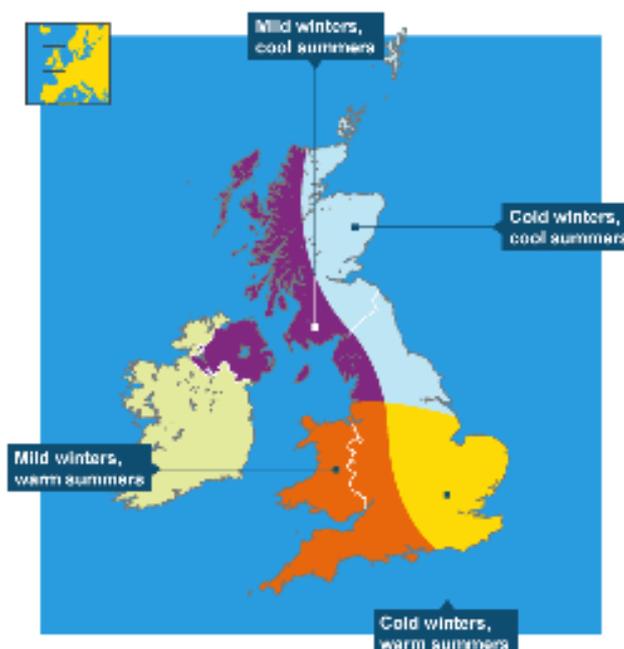


Figure 2

- Explain the variation in temperature shown in Figure 2. [6 marks]

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

B2.

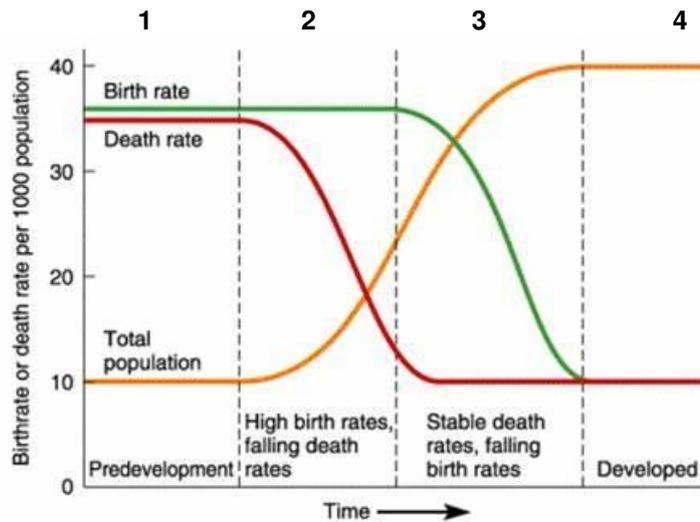


Figure 3

- Define the term birth rate. [1 mark]
- What happens to the total population number over time on Figure 3? [1 mark]
- Suggest why natural increase is high in stages 2 and 3 of Figure 3. [2 marks]
- Describe three factors which early settlers considered when choosing sites for new settlements. [3 marks]
- Explain how one factor may cause the population of a country to fall. [3 marks]
- Explain how urban development can happen in an environmentally sensitive way. [4 marks]

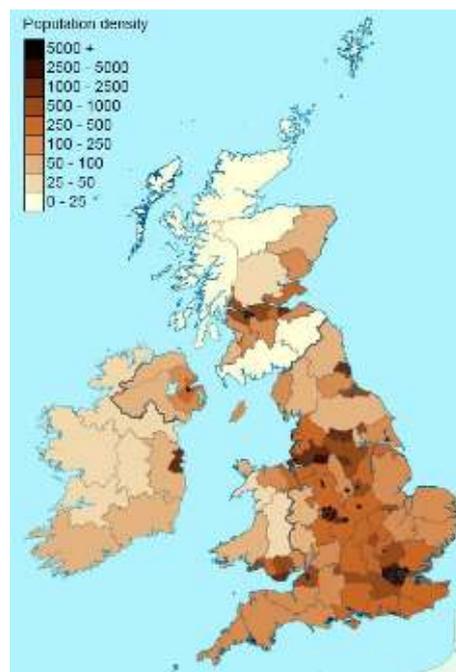


Figure 4

- Explain the variation in population density shown in Figure 4. [6 marks]

## SECTION C: ESSAYS [20 marks]

Choose only ONE question from this section. All questions are marked out of 20 marks.

### Tips:

- Write two sides of A4.
- Include a short introduction (2-3 sentences)
- Write in paragraphs with a logical structure (Point, Example, Explain)
  - Include named places or landforms that you have studied as examples.
  - You may draw diagrams to support your answer.
- Include a short conclusion (2-3 sentences)

1. Describe and explain the value of transport routes for people and industry. [20 marks]
2. Describe and explain the relationship between the provision of goods and services and settlement size. [20 marks]
3. Describe and explain the global distribution of earthquakes and volcanoes. [20 marks]
4. Describe and explain how geomorphological processes (weathering, erosion, transportation and deposition) form either river or coastal landforms. [20 marks]