



OUNDE
School

13+ Academic Scholarship 2026

Geography

Time allowed: 1 hour

Name: _____

Instructions

Also required:

OS map extract of Mersea Island, Essex.

Map Key

Answer the following:

- **ALL** questions in Section A. (15 marks – 10 mins)
 - **ALL** questions from Section B (30 marks – 30 mins)
 - **ONE** question from Section C. (15 marks – 20 mins)
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- **Answer on lined paper.** Write your name clearly at the top of each sheet of paper that you use.
 - 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 and sketches/diagrams, where used appropriately.
 - The maximum number of marks for this paper is 60.

Section A: Applied Map Work

Refer to Map of Mersea Island, Essex.

You should attempt all questions in Section A. There is a map key provided. You may write on the map if you need to.

A1. Study the map extract of Mersea Island and identify the following.

- a. The 4-figure grid reference that includes the Museum in West Mersea. (1)
- b. The name of the marsh in grid 04,17. (1)
- c. Name the feature at 036,129. (1)
- d. What direction is Peldon village from West Mersea (1)
- e. What important feature can be found at 013,150? Explain why it is important. (2)
- f. Estimate the distance, as the crow flies, from the post office (064,145) to the church (981,146). (1)
- g. Name two tourist facilities you would find in East Mersea village. (2)
- h. Describe the land use north of Pyefleet Channel. (2)
- i. Look at the map and identify two types of economic activity (not tourism) that you can see in this area and give the coordinates of an example of each one. (4)

(Total marks for Section A = 15 marks)

Section B: Applied Physical and Human Geography

Attempt all questions in both sections.

Section 1 (Applied Geography)

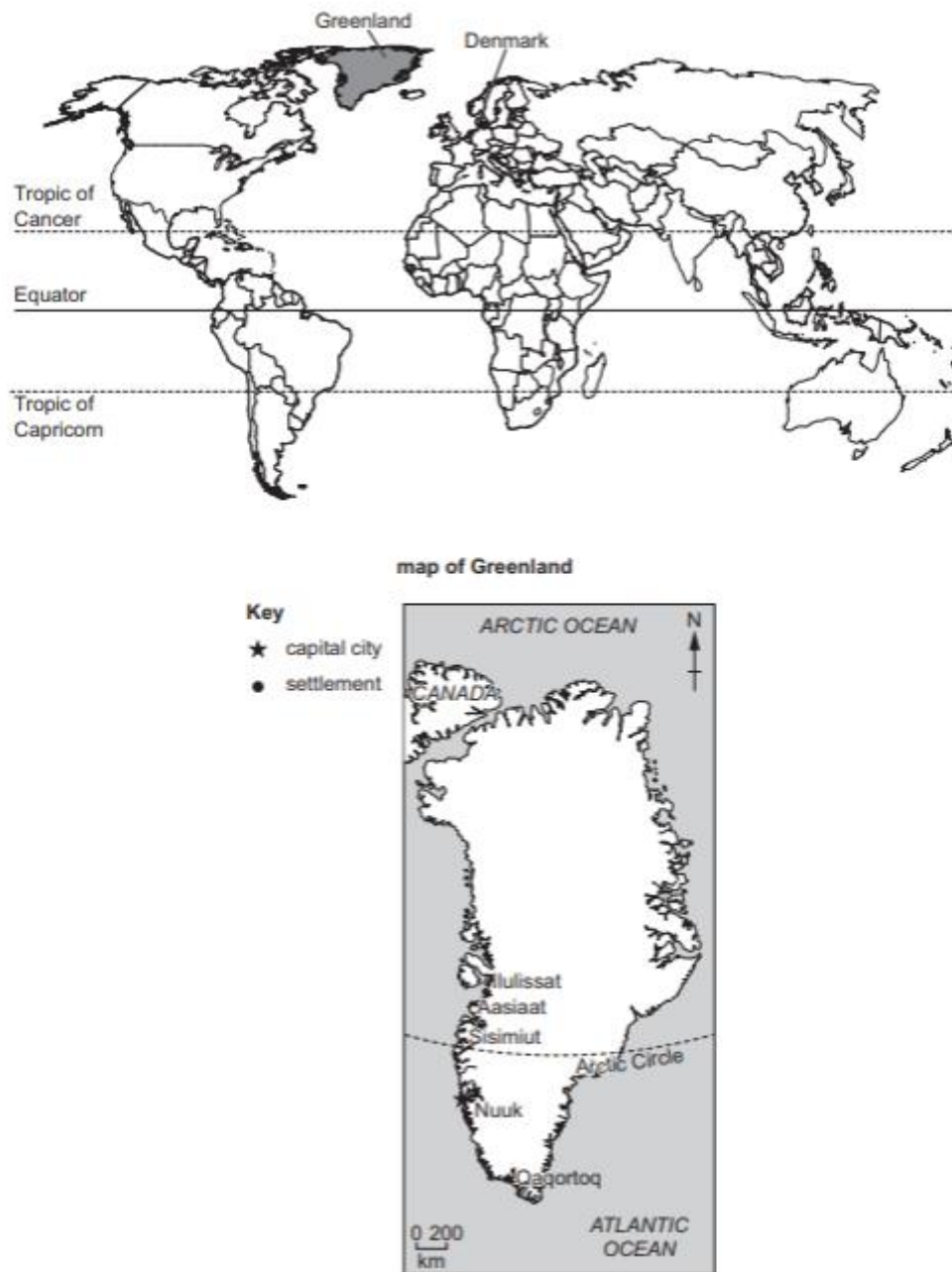


Figure B1 – World map showing the location of Denmark and Greenland

Q1. Study the maps carefully and answer the following questions.

a) Using the map, describe the location of Greenland and Denmark. (4)

b) Name the capital city of Greenland? (1)

c) Explain how the climate of Greenland and Denmark might differ? (4)

d) Read the Greenland fact file below. President Trump has stated recently that he wants to buy Greenland from Denmark. Using the information below and your own knowledge, explain two reasons why the USA president might want America to own Greenland. (6)

Area of Greenland: 2 166 086 km²

Population: 57 792 (in 2022)

Children per woman: 1.91

Life expectancy: 74 years

Currency: Danish krone (1 USD = 0.15 DKK)

Language: Greenlandic, Danish, English

Climate of Greenland: long cold winters; short cool summers

Terrain of Greenland: ice sheets and glaciers cover 80% of the land; narrow mountainous rocky land along the coast

Main economic activities of Greenland: fishing and fish processing provide over 90% of exports

Greenland is part of Denmark. Denmark is a more economically developed country (MEDC) in Europe.

Greenland is the largest island in the world. The coastline has many ports and harbours. Most of these are closed by ice during the winter months. In 2021, the government banned the extraction of mineral resources. These resources included minerals used in the manufacture of batteries for electric cars and computer chips. Hydro-electric power is used to supply electricity to the largest settlements. Income from tourism is increasing.

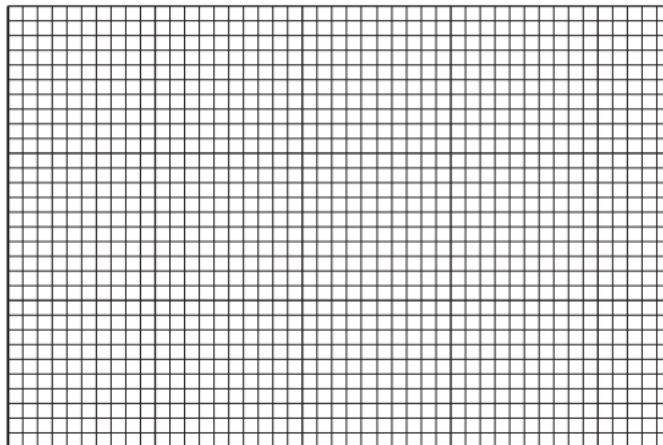
Figure B2 - Factfile of Greenland – OCR

e. The table below shows the population data for Greenland.

The population is rounded to the nearest 1000.

year	population
1950	23 000
1960	32 000
1970	45 000
1980	50 000
1990	56 000
2000	56 000
2010	56 000
2020	56 000

(i) Plot the data in the table as a line graph.



(4)

(ii) Describe the trend shown by the data in the table.

(2)

(iii) Many people aged between 18 and 30 move from Greenland to Denmark. State the term used to describe the movement of people from one place to another? (1)

Q2. Study the table below.

Volcano & Year	VEI (Strength)	People Affected / Killed
Volcán de Fuego, Guatemala (2018)	VEI 3	110 killed
Mount Lewotobi, Indonesia (2024–2025)	VEI 2–4?	At least 9 killed
Mount Ruang, Indonesia (2024)	VEI 4	Homes destroyed; evacuations; no fatalities reported
Sheveluch, Russia (2023)	VEI 4?	No casualties; major ash spread
Mount Etna, Sicily, Italy (recent)	VEI 1–3	No significant human impact reported

a. Suggest reasons for the difference in the number of people affected/killed between these different volcanic eruptions. (4)

Q3. Study the photograph below of Mount Etna in Sicily, Italy.

a. Suggest reasons why people live near active volcanoes in areas such as this. (4)



(Total marks for Section B = 30 marks)

Section C: Essay Questions

Choose only **ONE** question from this section. You should spend time planning your essay first and then write your answer.

1. Many coastal areas in the UK are facing increased erosion due to rising sea levels and stronger storms. Discuss the different approaches to managing coastal erosion and explain how these can create conflicts between people living and working in the area.
2. More than half of the world's population now lives in urban areas. Explain the reasons why cities are growing so quickly and discuss the challenges and opportunities that rapid urbanisation creates.
3. Natural hazards such as earthquakes, tropical storms and volcanic eruptions affect millions of people every year. Describe the causes of one type of natural hazard and assess how well countries with different levels of wealth can prepare for and respond to it.

(Total marks for Section C = 15 marks)