



Candidate Name

Candidate Number

Centre Name

Centre Number

Paper 2: Geography

For Examination June 2023

(1 hour 30 minutes)

It is necessary to respond on the answer sheet provided alongside this question paper. Additionally, you must have a dark blue or black pen.

INSTRUCTIONS:

- You must write your name, candidate number, centre name and centre number on the answer sheet in the designated space.
- This paper consists of 5 questions, it is essential that you attempt all of them.
- It is important to follow the instructions provided on the answer sheet.
- Do not use correction fluid.
- Avoid writing on any bar codes.

Geographic Interpretations:

Answer all of the following questions:

1. Refer to the map extract below on the scale of 1:50,000:

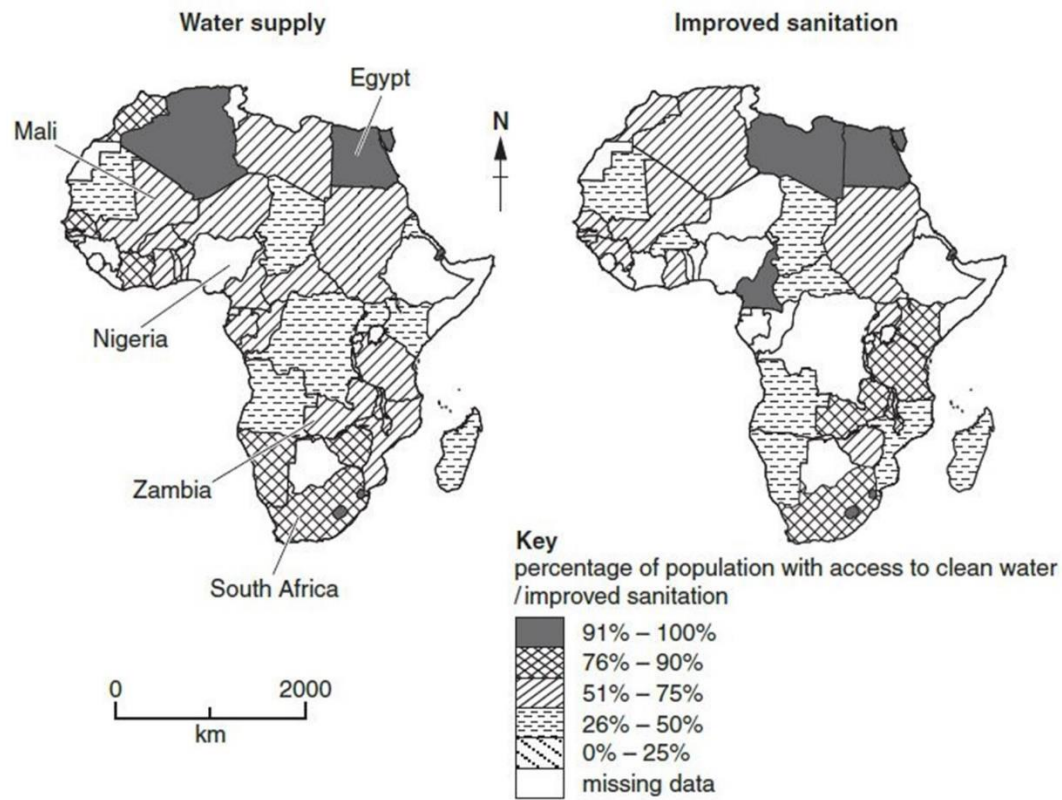


Fig. 7

- (a) Draw the outline of the map provided to a new scale of 1:150,000. [3 marks]
- (b) Insert and name the following on the new outline:
- Otta settlement;
 - A 250 ft. contour line in the eastern part;
 - The full length of Iju stream and show its direction of flow with an arrow. [3 marks]
- (c) State major functions of Otta settlement. [3 marks]
- (d) Define two occupations of the inhabitants of Idiroko and justify your answer. [3 marks]

2. Refer to the following image:



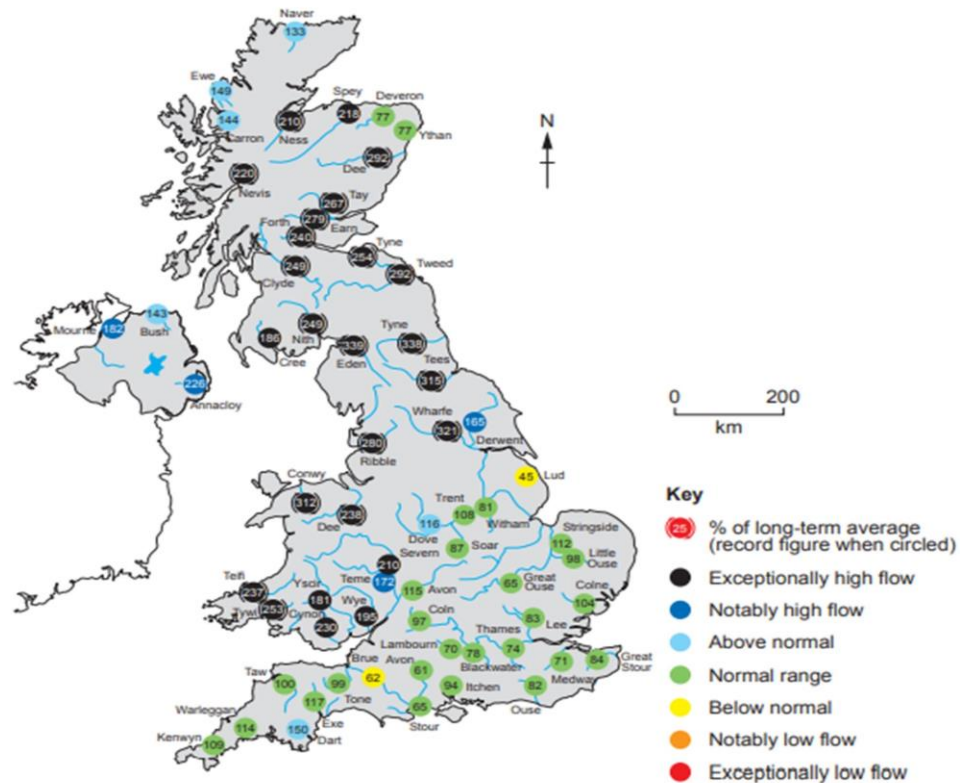
- (a) Explain two fieldwork methods that could be used to measure beach gradient. [3 marks]
- (b) Explain three disadvantages of using mentioned data collection methods. [3 marks]
- (c) Name any two types of rainfall. [3 marks]
- (d) Explain the formatory process of rainfalls mentioned above. [3 marks]

3. Answer the following questions while referring to your study of any urban area of your choice:

- (a) Identify the different techniques used to present the fieldwork data. [3 marks]
- (b) Explain two reasons for the use of sustainable transport schemes in the UK. [3 marks]
- (c) Explain the environmental and physical changes recorded in your study of the area due to urbanization. [3 marks]
- (d) Briefly explain the characteristics of relief rainfall. [3 marks]

4. Refer to the following figures to answer questions below:

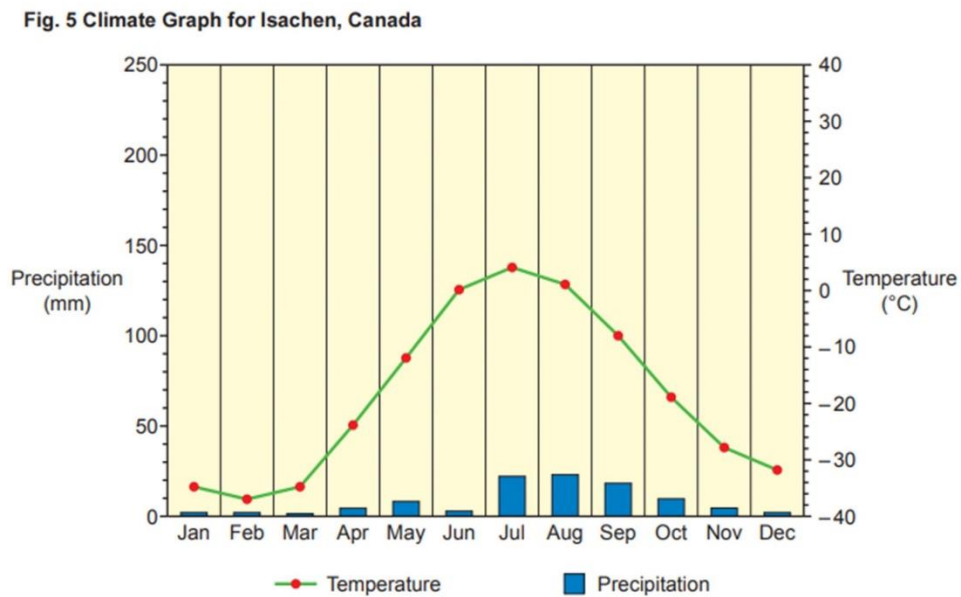
Fig. 3 River Flow in the UK, December 2018



Region	Size of river catchment (sq. km)	Peak river flow (cumecs)
Eden	2286	1700
Ribble	1145	1130
Tees	818	614
Tweed	4390	1361
Tyne	2176	1730
Wharfe	759	581

- Describe the pattern of river flow shown in figure. [3 marks]
- Calculate the mean value for peak river flow from figure 2. [3 marks]
- Explain potential reasons for the differences in peak river flow in the table above. [3 marks]
- Define how an interpolation is carried out. [3 marks]

5. Answer the following questions after referring to figure below:



- (a) Calculate the mean precipitation in the month of July. [3 marks]
- (b) Identify the most likely temperature in the month of October. [3 marks]
- (c) Explain the impact of climate shown on a polar ecosystem. [3 marks]
- (d) Describe important steps in preparing a Choropleth map. [3 marks]