

Please write clearly in block ca	pitals.	
Centre number	Candidate numbe	er
Surname		
Forename(s)		
Candidate signature		

A-level **GEOGRAPHY**

Unit 4A Geography Fieldwork Investigation

Thursday 16 June 2016

Morning

Time allowed: 1 hour 30 minutes

Materials

You will need no other materials.

You may use a calculator.

Instructions

- Use black ink or black ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer all questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 60.
- You will be marked on your ability to:
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.

Advice

• You are advised to spend about 60 minutes on **Section A** and about 30 minutes on **Section B**.



GE04A

Section A

	Answer an questions in the spaces provided.
All you prepar	ur answers must relate to the geographical fieldwork investigation that you undertook in ation for this examination.
State t	he aim(s) of your investigation.
1	Explain the purpose of your investigation with reference to its location and the theory, concept or issue that provided the background to the study. [8 marks]



Describe on relevance.	e method of data	collection used	in your investiga	tion and assess its
				[12



12

Extra space	 	



interpret the data collected.	[8 mar
Extra space	

Turn over for the next question



understanding of this topic?	[1
	٠



12

End of Section A



Section B

Answer all questions in the spaces provided.

Figure 1 is a synoptic chart at 1200 hrs on 22 November 2012. The red box shows the area covered by **Figure 2**.

Figure 2 shows radar imagery of rainfall at 1550 hrs on 22 November 2012.

Figure 1

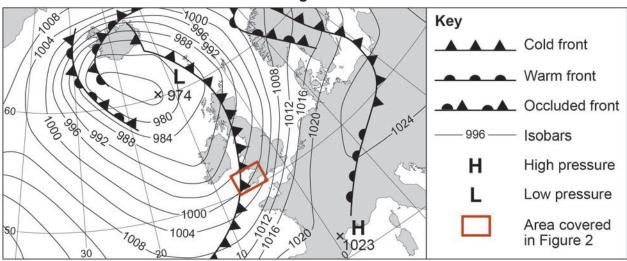
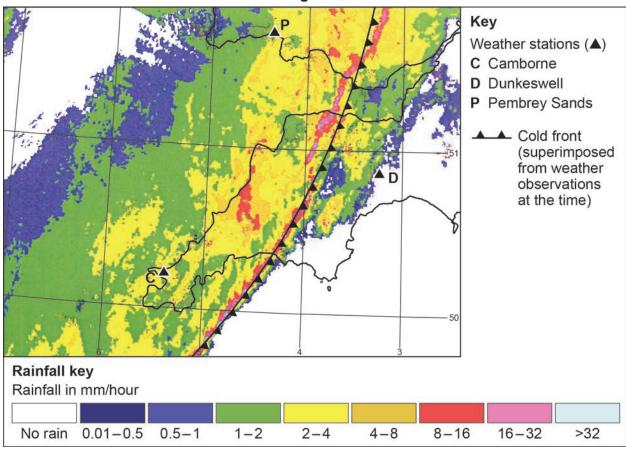


Figure 2





5 (a)	The area enclosed in the red box on Figure 1 is the same as in Figure 2.
	Assess the effectiveness of the techniques used to show rainfall characteristics in this
	area. [8 marks]
	Extra space
	Question 5 continues on the next page



5	(b)	Explain how the use of remotely sensed data and geographical information (GIS) can aid the development of geographical understanding.	n systems
			[12 marks]



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END OF QUESTIONS



There are no questions printed on this page

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