Centre Number			Candidate Number		
Surname					
Other Names					
Candidate Signature					

	Candidate Number		

AQA!	
------	--

General Certificate of Education Advanced Subsidiary Examination June 2015

Geography

GEOG2

For Examiner's Use		
Examine	r's Initials	
Question	Mark	
1		
2		
TOTAL		

Unit 2 Geographical Skills

Friday 15 May 2015 1.30 pm to 2.30 pm

For this paper you must have:

The Ordnance Survey map extract (enclosed)

- a pencil
- a rubber
- a ruler
- a protractor
- compasses.

You may use a calculator.

Time allowed

1 hour

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

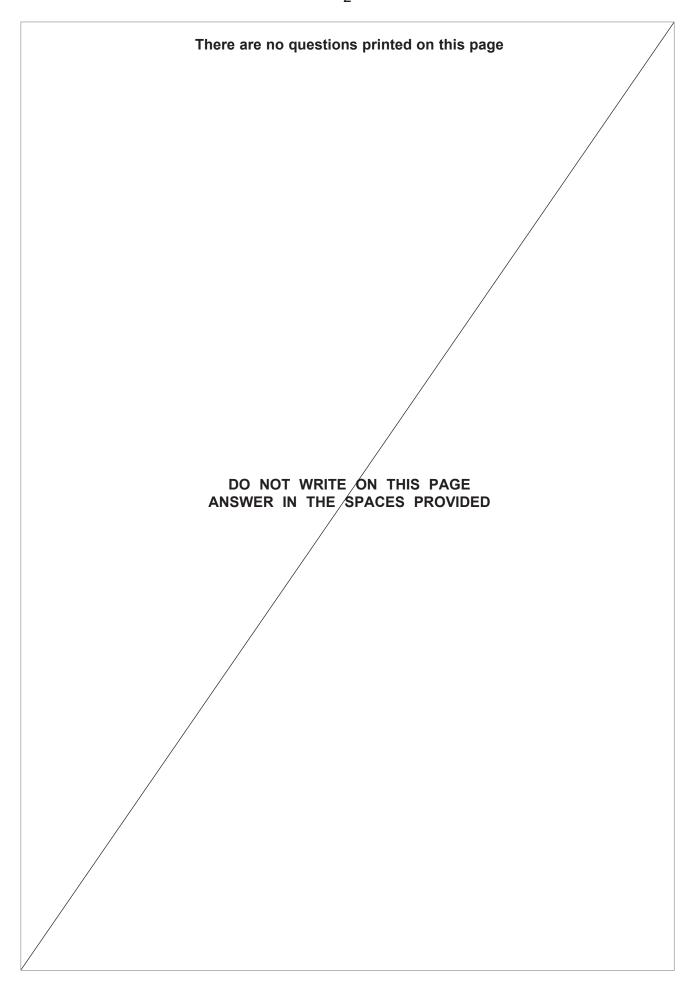
- The maximum mark for this paper is 50.
- The marks for questions are shown in brackets.
- You will be marked on your ability to:
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.

Advice

• Where appropriate, credit will be given for the use of diagrams to illustrate answers and where reference is made to your personal investigative work. You are advised to allocate your time carefully.



GEOG2





	Answer all questions in the spaces provided.
1 (a)	Study Figure 1 , on the insert, a 1:50 000 Ordnance Survey map extract of Shrewsbury.
	Compare the settlement areas of Bomere Heath (4719) and Belle Vue (4911). [5 marks]
	Extra space
	Question 1 continues on the next page



1 (b) (i) House price variation between 2009 and 2012 in Bomere Heath and Belle Vue is being investigated. A standard deviation calculation for Bomere Heath house prices has been started in **Figure 2**.

Complete **Figure 2**, and use the formula given to complete the standard deviation calculation. Give the answer to 2 decimal places.

[6 marks]

Figure 2

Road	Average house price in £ thousands (x)	x – x	$(x-\overline{x})^2$
Back Lane	287	38.25	1463.06
Pool Meadow Close	365	116.25	13514.06
The Common	154	-94.75	8977.56
Pump Road	154	-94.75	8977.56
Bow Way	153	-95.75	9168.06
Fitz	496	247.25	61132.56
Preston Gubbals Road	176	-72.75	5292.56
Windsor Lane	207	-41.75	
Merrington Road	275	26.25	689.06
Green Lane	250		
Yew Tree Bank	225	-23.75	564.06
Cornfield Close	243	-5.75	33.06
	∑x = 2985		$\sum (\mathbf{x} - \overline{\mathbf{x}})^2 = 111556.22$
	x =		Cov

Standard deviation formula $\sigma = \sqrt{\frac{\sum (x - \overline{x})^2}{n}}$

Key

 σ = Standard deviation

x = Individual value

 $\overline{\mathbf{x}}$ = Mean

n = Number in the sample

 \sum = Sum of

Complete the standard deviation calculation in the space below, showing your working.



1 (b) (ii) Figure 3 shows some comparative data for house prices in Belle Vue between 2009–2012.

Using Figure 3 and the relevant information from 1 (b) (i), compare and comment on house price variation between Bomere Heath and Belle Vue.

[6 marks]

Figure 3

Mean	Range	Standard deviation	
(£ thousands)	(£ thousands)	(£ thousands)	
153.83	186	60.97	
xtra space			
Questio	n 1 continues on the	next page	



1 (c) (i) Figure 4a is a desire line map of part of England and Wales showing the journeys to work for 100 residents of Bomere Heath. Figure 4b shows the journeys to work for 100 residents of Belle Vue.

Add the following data to Figures 4a and 4b.

Figure	Journey to work	Number of workers
4a	Shrewsbury (Bomere Heath) to Stafford	4
4b	Shrewsbury (Belle Vue) to Manchester	2

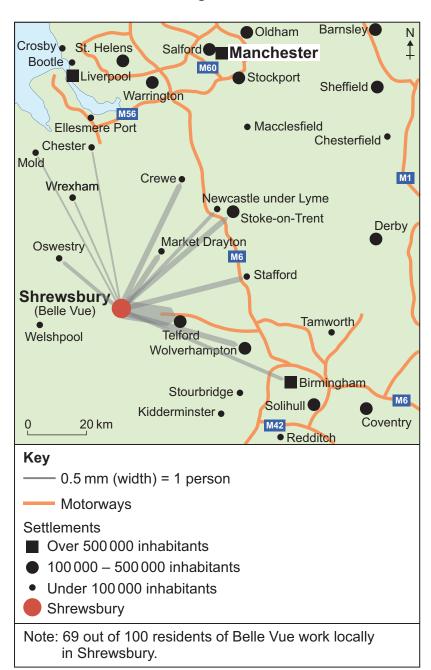
[2 marks]

Figure 4a





Figure 4b



Question 1 continues on the next page



1 (c) (ii)	Describe and comment on the patterns now shown in Figures 4a and 4b . [6 marks]
	Extra space



25

2	You have experienced geography fieldwork as part of the course. Use this experience to answer the following questions.
	State the aim(s) of your fieldwork.
2 (a)	Describe the advantages of your fieldwork location. [5 marks]
	Extra space
	Question 2 continues on the next page



2 (b)	Describe and justify one method of primary data collection used in your fieldwo	rk.
	[8 m	arks]
	Extra space	



2 (c)	With reference to examples from your fieldwork, distinguish between qualitative and quantitative data.
	[4 marks]
	Extra space
2 (d)	Describe how you used one technique to analyse your data and outline the advantages of this technique.
	[8 marks]
	Question 2 continues on the next page



25

Extra space

END OF QUESTIONS

Acknowledgement of copyright-holders and publishers

Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders have been unsuccessful and AQA will be happy to rectify any omissions of acknowledgements in future papers if notified.

Copyright © 2015 AQA and its licensors. All rights reserved.

