

Centre Number						Candidate Number				
Surname										
Other Names										
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For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2	
TOTAL	



General Certificate of Education  
Advanced Subsidiary Examination  
January 2013

# Geography

# GEOG2

## Unit 2 Geographical Skills

Monday 21 January 2013 1.30 pm to 2.30 pm

**For this paper you must have:**

- 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.



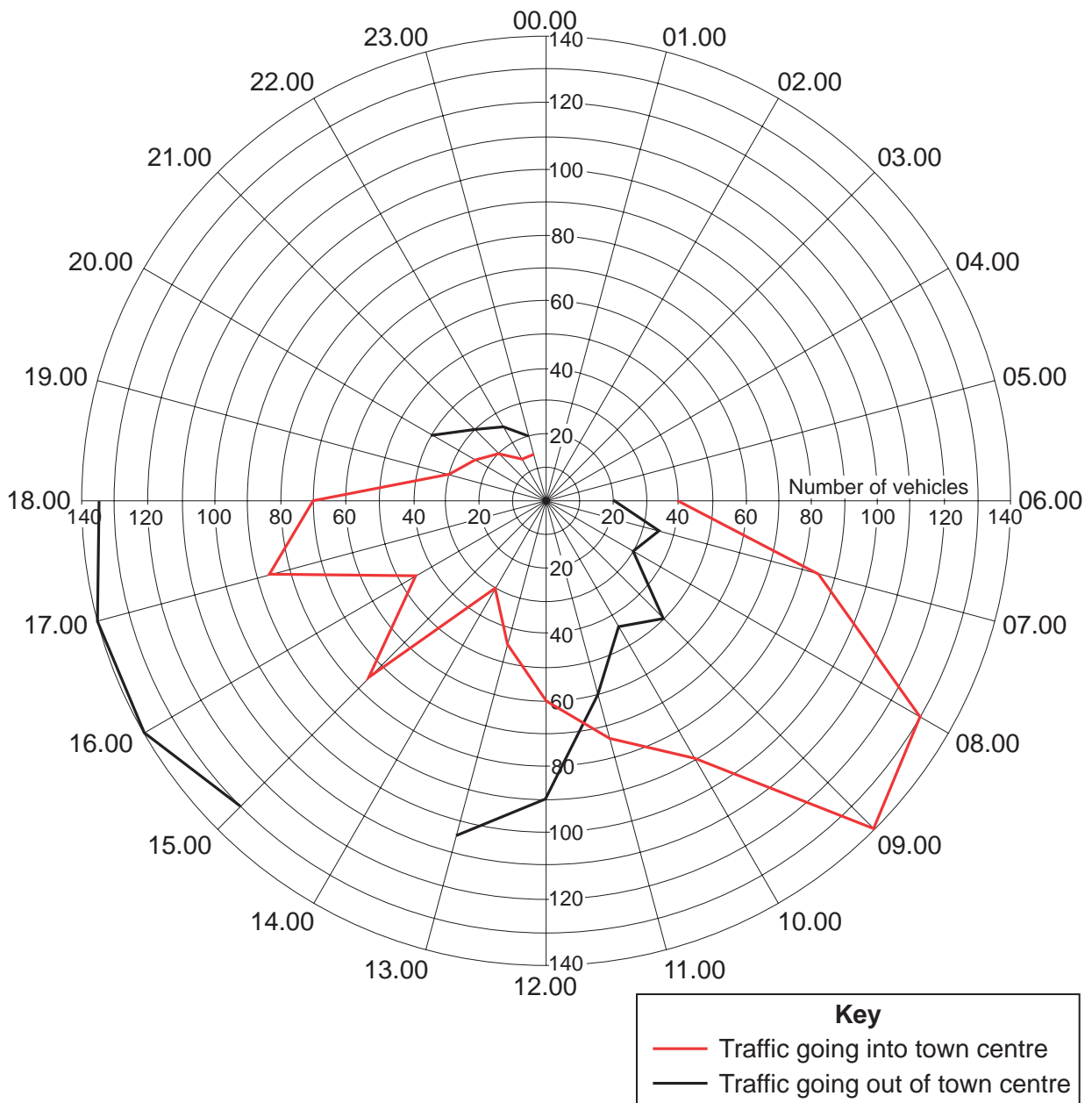
J A N 1 3 G E O G 2 0 1

Answer **all** questions in the spaces provided.

**1 (a)** Study **Figure 1** which shows two different traffic flows over an 18-hour period in Winsford, Cheshire. No data were collected from 00.00 to 05.00.

All vehicles going into and out of the town centre were counted for a period of ten minutes at the start of each hour.

**Figure 1**



1 (a) (i) Plot the following data and complete **Figure 1** for traffic going out of the town centre.

Time	Number of vehicles
14.00	125
19.00	70

(2 marks)

1 (a) (ii) With reference to **Figure 1**, compare the traffic flows into and out of the town centre.

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Question 1 continues on the next page

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**1 (b)** Study **Figures 2a** and **2b**, photographs of two different parts of Winsford, Cheshire.

**Figure 2a – Esk Road**



**Figure 2b – Farriers Way**



Describe and comment on the differences between Esk Road and Farriers Way.

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**1 (c)** Study **Figure 3**, selected census data for the Super Output Areas (SOAs) which include Esk Road and Farriers Way.

**Figure 3**

	<b>SOA (Esk Road)</b>	<b>SOA (Farriers Way)</b>	<b>UK average</b>
% working age people with a long-term illness	22.3	8.9	13.3
% population claiming health-related benefits	18.0	5.0	9.0
% population in professional occupations	2.3	13.4	11.2
% pupils achieving five GCSEs A* – C, including English and Mathematics	21.0	64.0	55.0

Compare the data for the two SOAs with the UK average and suggest implications for social welfare in these SOAs.

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**1 (d)**

Remotely sensed data, databases and geographical information systems (GIS) are examples of how ICT can be used in geography.

Explain how the use of ICT can improve geographical understanding.

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**2** You have experienced geography fieldwork as part of the course.  
Use this experience to answer the following questions.

**2 (a) (i)** Describe the characteristic features of your study area.

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**2 (a) (ii)** Outline risks associated with primary data collection and explain how you attempted to minimise these.

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**2 (b)** With reference to the aim of your fieldwork investigation, justify **one** method of data collection.

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(6 marks)



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**2 (c)** Describe **one** method you used to present data collected in your fieldwork investigation.

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**2 (d)** Summarise the main findings of your fieldwork investigation.

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**END OF QUESTIONS**

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