



Shrewsbury School

# SHREWSBURY SCHOOL

## SIXTH FORM ENTRANCE EXAMINATION 2014

### GEOGRAPHY (1 hour)

#### Instructions to candidates:

Answer **ALL** of **SECTION A** and any **ONE** question from **SECTION B**.  
Answer on lined paper.

(Total Marks: 35)

## Section A: Fieldwork – compulsory – answer all questions

1. Describe what is meant by each of the following terms:
  - a. Linear settlement (1)
  - b. Dispersed settlement (1)
  - c. Nucleated settlement (1)
2. What piece of equipment would you use to measure either rainfall or river velocity? (1)
3. What type of graph would you use to show how a variable (e.g. traffic) changes over time? (1)
4. What does GIS stand for? (1)
5. In geography what is meant by the term layering? (1)
6. Draw a scatter graph which shows a positive correlation of population against numbers of goods and services. (3)
7. What are two benefits of fieldwork? (2)
8. What two types of graph would be good for showing data collected from a questionnaire? (2)
9. Give three ways by which a student could use the Internet to improve their geography project? (3)
10. What is meant by the term 'subjective' data? (1)
11. Give two ways that you would ensure 'accuracy' when collecting fieldwork data? (2)

## Section B: Topics – choose any **ONE** question.

You may use diagrams and place specific examples.

1.
  - a. Name two different types of volcano and explain their formation. (5)
  - b. Why are tectonic hazards such as volcanoes and earthquakes so important to life on our planet? (10)
2.
  - a. What are the elements that make up climate? (5)
  - b. Why are hurricanes so dangerous to Island communities in the Caribbean? (10)
3.
  - a. Describe the location of a coral reef. (5)
  - b. Why are coral reefs so important? (10)
4.
  - a. What factors are contributing to climate change? (5)
  - b. Why is climate change such a big issue for the world today? (10)
5.
  - a. What are the main elements that make up sustainable tourism? (5)
  - b. Why is tourism so important to the world today? (10)
6.
  - a. What is meant by the term globalisation? (5)
  - b. What are the positive aspects and the negative aspects of globalisation to the world today? (10)
7.
  - a. How do geographers measure a countries development? (5)
  - b. What are some positive and negative aspects of development? (10)
8.
  - a. Describe the features of a glaciated valley. (5)
  - b. Using diagrams explain how two of the features in a glaciated valley are formed. (10)
9.
  - a. What is urbanisation? (5)
  - b. What are the challenges faced by the city planner in the modern urban centres of the world? (10)
10.
  - a. describe the hydrological cycle. (5)
  - b. How does man change this cycle to both increase and decrease the frequency of flooding events? (10)

**(Total Marks: 35)**