



Pearson
Edexcel

GCSE (9-1) Geography B

GCSE Geography

Baseline Test





Geography KS4 baseline assessment

Name _____ Class _____ Date _____

Instructions

- Answer **ALL** the questions on the test.
- Answer the questions in the spaces provided.
- Ask for additional paper if you need more space to write your answers.

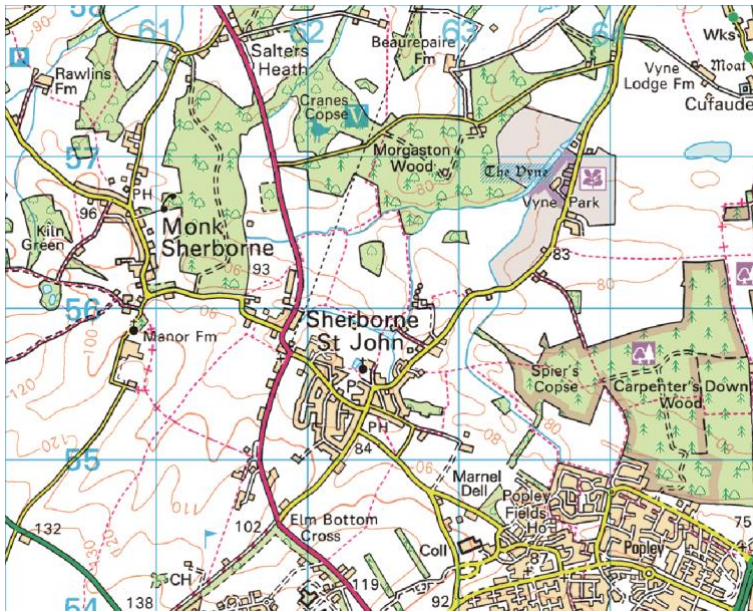
Information

- The total number of marks for this end of topic assessment is 36.
- You have **40 minutes** to complete this assessment.
- The marks for each question are shown in brackets.

Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Use the number of marks a question is worth as a guide to estimate how much time you should spend on it. For each mark you should spend approximately 1 minute so, for example, a two-mark question should take around 2 minutes to answer.
- Check your answers if you have time at the end.

1. Study the map extract below.



© Crown copyright 2016, OS 100030901, map supplied by courtesy of Maps International.

(a) State the **six-figure** grid reference for the church in Sherborne St John [1]

(b) The scale of this map is 1:50,000. How far is it between the church in Sherborne St John and the church at Manor Farm 608 558? [1]

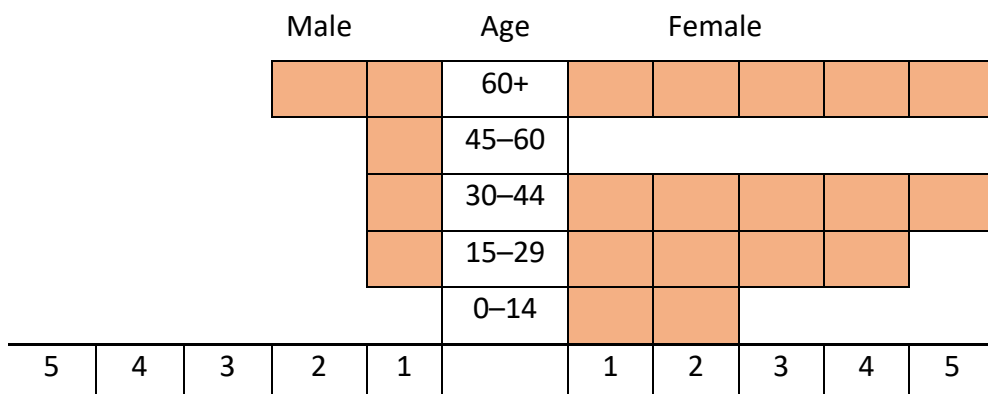
(c) What direction is Vyne Park (63 56) from Salters Heath (61 57)? [1]

(d) If you were standing at grid reference 627 567, what would you see all around you? [1]

2. One Wednesday afternoon, a group of Year 10 students collected fieldwork data in their local shopping centre.



(a) Study the diagram below that shows the people surveyed by one group.



- (i) There were four women aged 45–60 surveyed. Plot this missing data on the diagram. [1]
- (ii) Calculate the percentage of the whole sample who were male [1]

(iii) Explain one way this method of data collection could be improved. [2]



- (b) The pie chart shows some of the data collected by the students. They asked the question 'Do you like this shopping centre?'



Explain one way this question could be improved. [2]



3. Study the data in the table below.

Indicator of development	Country A	Country B
GNP per capita	2200	38100
Employed in agriculture (%)	80	1.2
Life expectancy	55.34	84.74
Doctors per 1000 people	0.08	2.3
Birth rate per 1000	44.99	7.93

Source: Central Intelligence Agency World Fact book

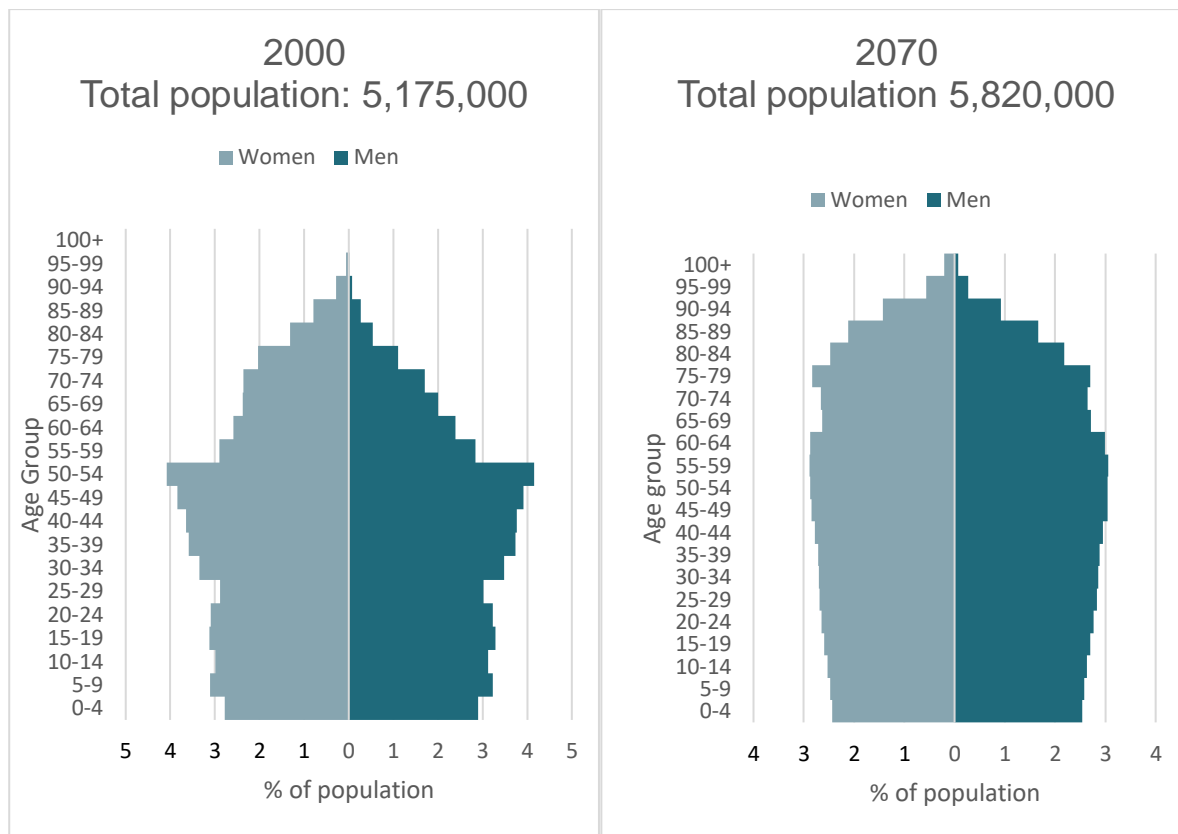
(a) Complete the sentence below, using the data to determine which country is developed and which is developing [1]

Country _____ is a developed country, country _____ is a developing country.

(b) Choose one of the indicators of development from the table and explain how it shows the development of a country. [3]



4. Study the population pyramids below. They show the population structure of Finland in 2000 and what is expected in 2070.



Source: United Nations, Department of Economic and Social Affairs, Population Division

(a) What is going to happen to the overall population total? [1]

(b) What is going to happen to the number of people who are between 15 and 65? [1]

(c) What is going to happen to the number of older people? [1]

(d) Explain the consequences of these changes [4]



5. Read the accounts of the two volcanoes that erupted in 2010.

Mount Merapi, Indonesia	Eyjafjallajökull, Iceland
<p>Villages 15 km away were covered in ash from the pyroclastic cloud. Around 280,000 people were evacuated but 350 still died. Emergency shelters were set up but the conditions in them were poor and disease spread easily. Water supplies were contaminated. The airport had to be closed. Crops were damaged and food prices increased. Some farmers lost their livelihoods. The estimated cost of the eruption as US\$781 million.</p>	<p>A massive pyroclastic cloud rose 11 km into the air causing the cancellation of all flights using European air space for nearly a week. The eruption melted the ice on the volcano and caused flooding. Roads had to be blown up to let the flood water escape. Around 700 people were evacuated. Flood water destroyed roads and 20 farms. The worldwide cost of the eruption was US\$5 billion; there were no fatalities.</p>

(a) Compare the two events. [3]

(b) Using evidence from the accounts, explain which eruption had the greater impact. [4]
