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Pearson Edexcel
Level 3 GCE

Centre Number

Candidate Number

Geography
Advanced Subsidiary
Paper 2

Sample assessment material for first teaching September 2016 Time: 1 hour 45 minutes	Paper Reference 8GEO/02
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You must have: Ruler, calculator, Resource Booklet (enclosed)	Total Marks
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Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** the questions in Section A and **EITHER** Section B **OR** Section C.
- Answer the questions in the spaces provided
– *there may be more space than you need.*
- Calculators may be used.
- Any **calculations** must show all stages of **working out** and a **clear answer**.

Information

- The total mark for this paper is 90.
- The marks for **each** question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Check your answers if you have time at the end.

Turn over ►

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Answer Section A and EITHER Section B OR Section C.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

SECTION A: GLOBALISATION

Answer ALL questions. Write your answers in the spaces provided.

You must use the Resource Booklet provided.

- 1** (a) Define 'global shift'.

(1)

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- (b) (i) Study Figure 1 in the Resource Booklet.

Calculate how much cheaper material costs are in Bangladesh than in the USA.

Show your working.

(1)

Answer = \$

- (ii) Which of the following statements is correct?

Place a ☒ in the correct box.

(1)

- A** Shirts produced in Bangladesh are 10 times cheaper than in the USA
- B** Laundry costs are approximately 27% cheaper in Bangladesh than in the USA
- C** Labour contributes approximately 6% of total production costs in Bangladesh
- D** Material costs make up the largest proportion of costs in both countries

(iii) Suggest **one** reason why labour costs are significantly cheaper in Bangladesh.

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(c) Explain **two** ways changes in transport have accelerated globalisation.

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(d) Explain how globalisation may result in exploitation of the environment in developing countries.

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(e) Assess the extent to which cultural diffusion caused by globalisation inevitably leads to social and political tension.

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(Total for Question 1 = 28 marks)

TOTAL FOR SECTION A = 28 MARKS

SECTION B: REGENERATING PLACES

Do not answer Section B (Regenerating Places) if you have answered Section C (Diverse Places).

If you answer Section B put a cross in the box .

You must use the Resource Booklet provided.

- 2** (a) In which employment sector is tourism?

Place a in the correct box.

(1)

- A** Primary
- B** Secondary
- C** Tertiary
- D** Quaternary

- (b) Study the data below from the National Parks Authority in the UK for 2014 for selected National Parks. A student has begun a calculation of Spearman's Rank Correlation between Visitor Days and Visitor Spend.

- (i) Complete the table for Dartmoor.

(2)

National Parks	Visitor days per year (million)	Rank	Visitor spend per year (£ million)	Rank	Difference (d)	d ²
Broads	15.5	2	568	2	0	0
Cairngorms	3.1	7.5	185	8	0.5	0.25
Dartmoor	3.1	7.5	111	9		
Exmoor	2	9	85	10	1	1
Lake District	24	1	1146	1	0	0
Northumberland	1.7	10	190	7	-3	9
Peak District	11.8	5	541	3	-2	4
Pembrokeshire Coast	13	3	498	4	1	1
Snowdonia	10.4	6	396	6	0	0
Yorkshire Dales	12.6	4	400	5	1	1

(ii) Study Figure 2 in the Resource Booklet.

Suggest **one** reason for the growth of employment in tourism in some regions.

(3)

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(c) Explain **two** reasons why there are variations in people's attachment to rural places.

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(d) Explain the consequences of a decline in rural services.

(6)

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(e) Study Figure 3 in the Resource Booklet.

Assess the extent to which the information in Figure 3 shows that the two wards in Blackpool have different levels of deprivation.

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(Total for Question 2 = 28 marks)

3 Study Figure A below, which presents secondary data obtained from a farm park as part of fieldwork.

The student collected secondary data on visitor numbers to Oak Tree farm park, to investigate the success of a rural regeneration strategy.

(a) (i) Complete the diagram by adding the following data for year 1 and year 2 and finishing the lines.

(1)

Year 1	August	150 visitors
Year 2	April	98 visitors

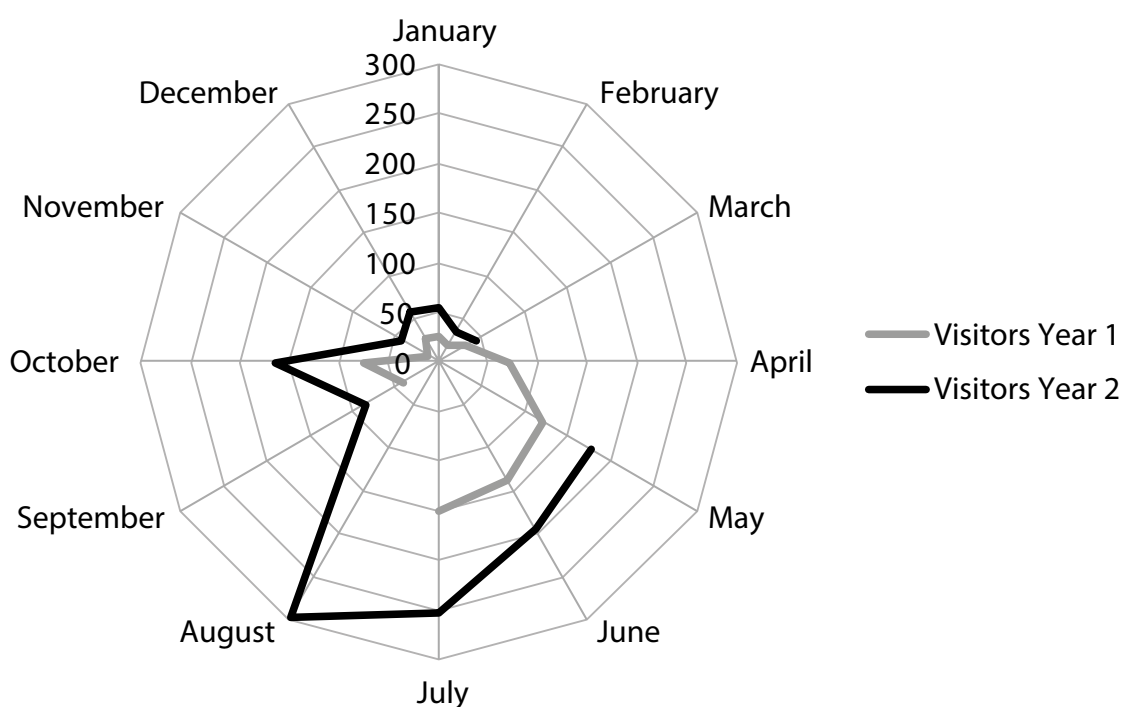


Figure A: Diagram showing visitor numbers to Oak Tree Farm Park in year 1 and year 2, obtained from the farm park.

- (ii) The student grouped the data to compare visitor numbers in four periods of Year 2, (January to March, April to June, July to September and October to December) and decided to carry out a chi-squared test to see if the observed numbers were as expected in a random pattern.

State **two** reasons why this was an appropriate test to use.

(2)

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- (iii) Give **two** possible reasons for the change in visitor numbers from year 1 to year 2.

(1)

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(iv) Identify an appropriate alternative graphical method for displaying the visitor data.

Explain **one** strength and **one** weakness of this method for presenting this data.

(4)

Alternative graphical method

Strength

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(Total for Question 4 = 16 marks)

TOTAL FOR SECTION B = 62 MARKS

SECTION C: DIVERSE PLACES

Do not answer Section C (Diverse Places) if you have answered Section B (Regenerating Places).

If you answer Section C put a cross in the box .

You must use the Resource Booklet provided.

5 (a) Which is the correct definition of 'population structure'?

Place a in the correct box.

(1)

- A** Gender composition of a population
- B** Gender and age composition of a population
- C** Number of people per square kilometre
- D** Exponential growth of a population

(b) Study Figure 5 in the Resource Booklet.

- (i) Describe the distribution of crimes recorded within a one-mile radius of Bristol city centre.

(2)

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- (ii) Suggest **one** reason why crime rates vary within this area of Bristol.

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(e) Study Figure 6 in the Resource Booklet.

Assess the extent to which the information in Figure 6 shows that the two wards in Blackpool have different population characteristics.

(12)

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(Total for Question 5 = 28 marks)

6 Study Figure B below, which presents data collected on a field trip to two sites in a local area as part of fieldwork. Each site was scored 1–10 for ten different criteria.

High score/10 is 'good' for each criterion.

The student collected primary data on the environmental quality of two sites to investigate areas that have the potential for improvement.

(a) (i) Complete the diagram by adding the following data and finishing the lines: (1)

Site 1	Vacant shops	4
Site 2	Broken glass	3

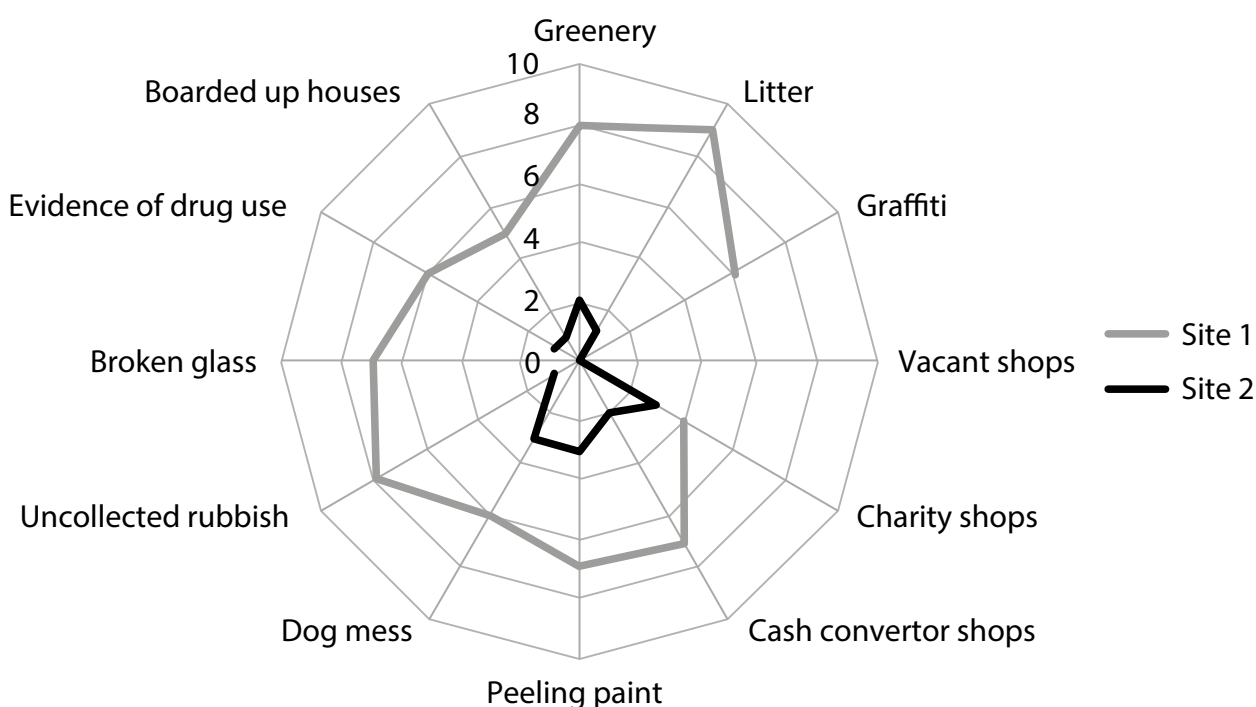


Figure B: Diagram showing environmental quality scores for two sites in the local area.

(ii) The student wanted to analyse their environmental quality scores, and decided the chi-squared test was **not** appropriate.

State **two** reasons why this type of data is not appropriate for chi-squared analysis.

(2)

1

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2

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(iii) Give **two** possible reasons for the differences between Site 1 and Site 2.

(2)

1

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(iv) Identify an appropriate alternative graphical method for displaying this data.

Explain **one** strength and **one** weakness of this method for presenting this data.

(4)

Alternative graphical method

Strength

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Weakness

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(Total for Question 7 = 16 marks)

TOTAL FOR SECTION C = 62 MARKS
TOTAL FOR PAPER = 90 MARKS

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