

Centre Number	Candidate Number	Candidate Name
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NAMIBIA SENIOR SECONDARY CERTIFICATE

GEOGRAPHY ORDINARY LEVEL

4332/2

PAPER 2

1 hour 45 minutes

Marks 60

2020

Additional Materials: 1:50 000 Survey Map Extract is enclosed with this question paper
Non-programmable calculator
Protractor
Ruler

INSTRUCTIONS AND INFORMATION TO CANDIDATES

- Write your Centre Number, Candidate Number and Name on top of this page.
- Write your answers and workings in the spaces provided on the Question Paper.
- Write in dark blue or black pen.
- You may use a soft pencil for any diagrams or graphs.
- Do not use correction fluid.
- Do not write in the margin *For Examiner's Use*.

- Answer **all** the questions.

- All working must be clearly shown.
- Sketch maps and diagrams should be drawn whenever they serve to illustrate an answer.

- The number of marks is given in brackets [] at the end of each question or part question.

For Examiner's Use		
1		
2		
3		
4		
5		
6		
Total		

Marker		
Checker		

This document consists of **12** printed pages and **4** blank pages.



Republic of Namibia
MINISTRY OF EDUCATION, ARTS AND CULTURE

- 1 Study the 1:50 000 map extract of Amersfoort (South Africa) and answer the following questions.

(a) Give the location of the school in Amersfoort in degrees, minutes and seconds.

..... [2]

(b) (i) What is the compass direction of trigonometrical beacon 1746,3 (27° 00' 10" S and 29° 50' 25" E) to trigonometrical beacon 1677,6 (27° 00' 56" S and 29° 57' 10" E)?

..... [1]

(ii) What is the bearing from trigonometrical beacon 1677,6 (27° 00' 56" S and 29° 57' 10" E) to the trigonometrical beacon 1746,3 (27° 00' 10" S and 29° 50' 25" E)?

..... [2]

(iii) What is the distance in a straight line between the Post Office and Place of Worship in Amersfoort.

Give your answer in metres. Show all your working.

..... [2]
.....
.....
.....

(c) (i) Describe the relief of the land on which cultivation takes place.

..... [2]
.....
.....
.....

(ii) Name **one** type of crop which the map shows is grown on this land.

..... [1]

(d) Describe the location of the buildings in the Daggakraal area.

..... [2]
.....
.....
.....

(e) Describe the drainage of the area shown on the map extract.

.....

.....

.....

.....

[2]

(f) Describe **three** advantages of the site of Amersfoort.

1.....

.....

2.....

.....

3.....

.....

[3]

(g) Give **one** piece of evidence of industrial activity in the area.

.....

[1]

(h) (i) State **one** example of recreation services found in the Amersfoort area.

.....

[1]

(ii) State **one** example of administrative services found in the Amersfoort area.

.....

[1]

[20]

- 2 Fig. 1 shows population change in China, between 1950 and 2010.

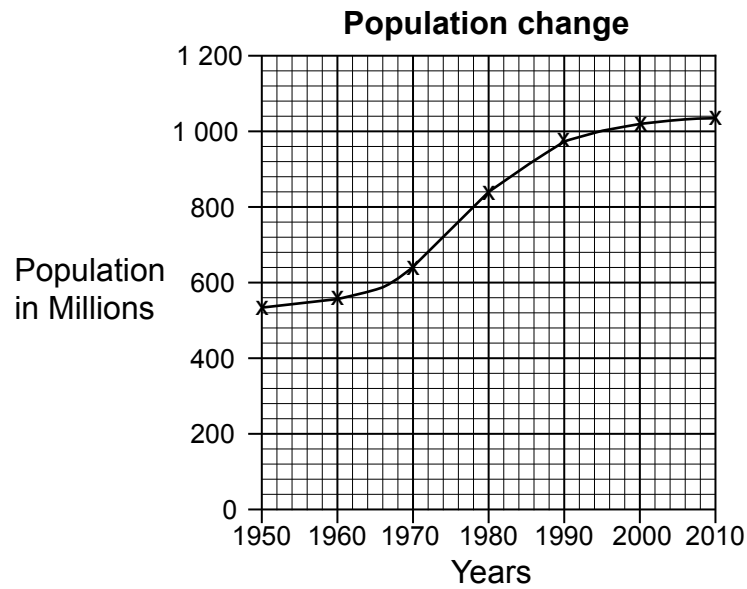


Fig. 1

- (a) (i) What was the population in China in 1980?

.....

[1]

- (ii) Describe the main trends of population change during the period shown.

.....

.....

.....

.....

[2]

(b) Fig. 2 shows China's age structure in 2010.

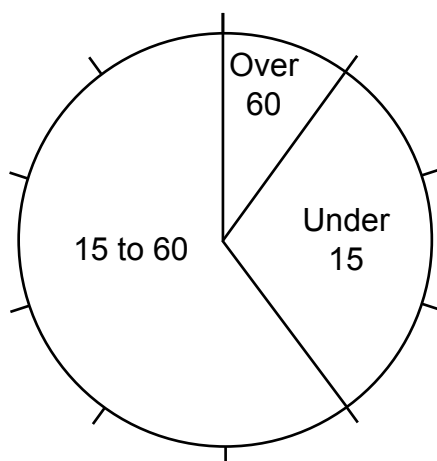


Fig. 2

What percentage of the population of China can be described as the dependent population?

..... [1]

(c) (i) Which age group would be most likely to expand in the next twenty years?

..... [1]

(ii) Give **one** reason for your answer in (c) (i).

..... [2]
.....

[7]

- 3 Fig. 3 is a scatter graph showing how the amount of public open spaces per thousand residents changes with the distance from the centre of a major city.

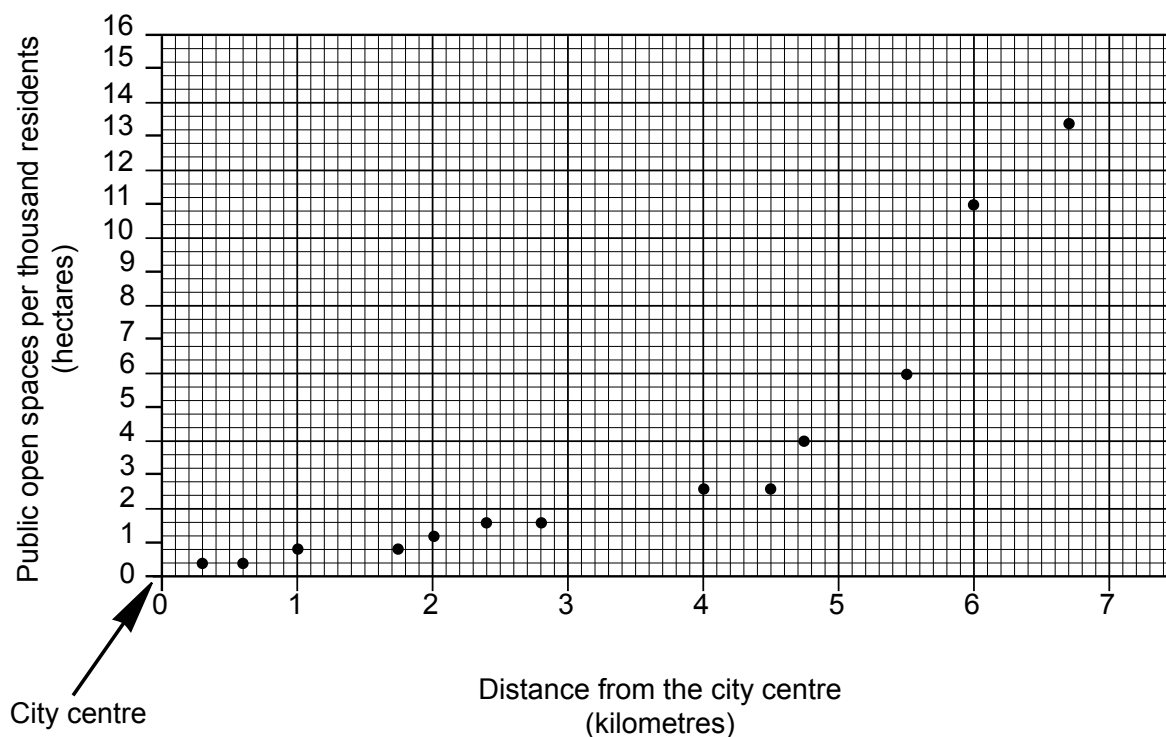


Fig. 3

- (a) Complete the graph by plotting the data given below.

Distance from the city centre (kilometres)	Public open spaces per thousand residents (hectares)
3.5	2.5
5.0	5.5
6.5	12.5

[3]

- (b) With reference to the completed graph:

- (i) How far from the city centre are there 10 or more hectares of public open spaces per thousand residents?

..... [1]

- (ii) Between what distances from the city centre is the steepest increase in the amount of public open space?

..... [1]

- (iii) Give a detailed description of how the amount of public open spaces per thousand residents changes with increasing distance from the city centre.

.....

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[3]

[8]

- 4 Study the graph (Fig. 4) showing the percentage of different types of land use in one area of a large city.

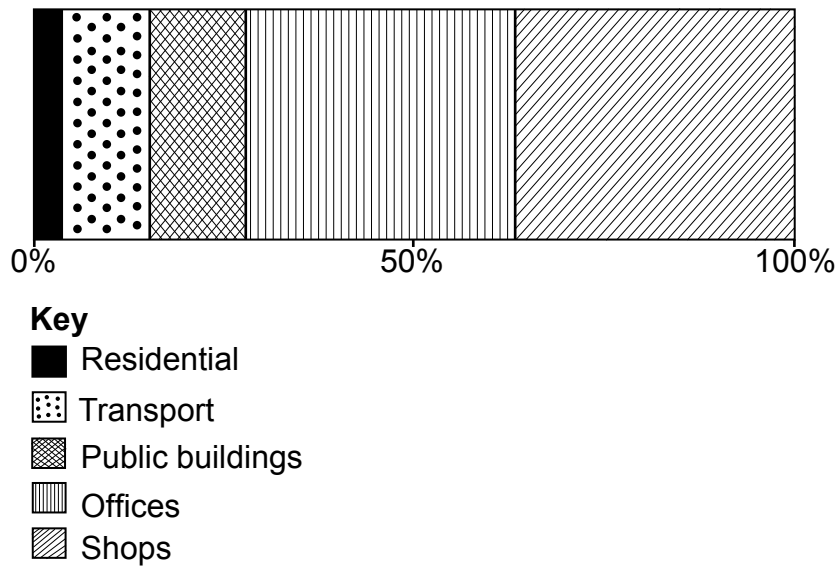


Fig. 4

- (a) Name the type of graph which is used to show these data.

..... [1]

- (b) (i) Which type of land use has the highest percentage?

..... [1]

- (ii) Name **two** types of land use which are not found in this area.

1

2 [2]

- (c) (i) Suggest which part of the city is represented by the data?

..... [1]

- (ii) Why is there only a small extent of residential land use in this area?

.....

..... [1]

[6]

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5 Study Fig. 5, which shows population pyramids for two countries **A** and **B**.

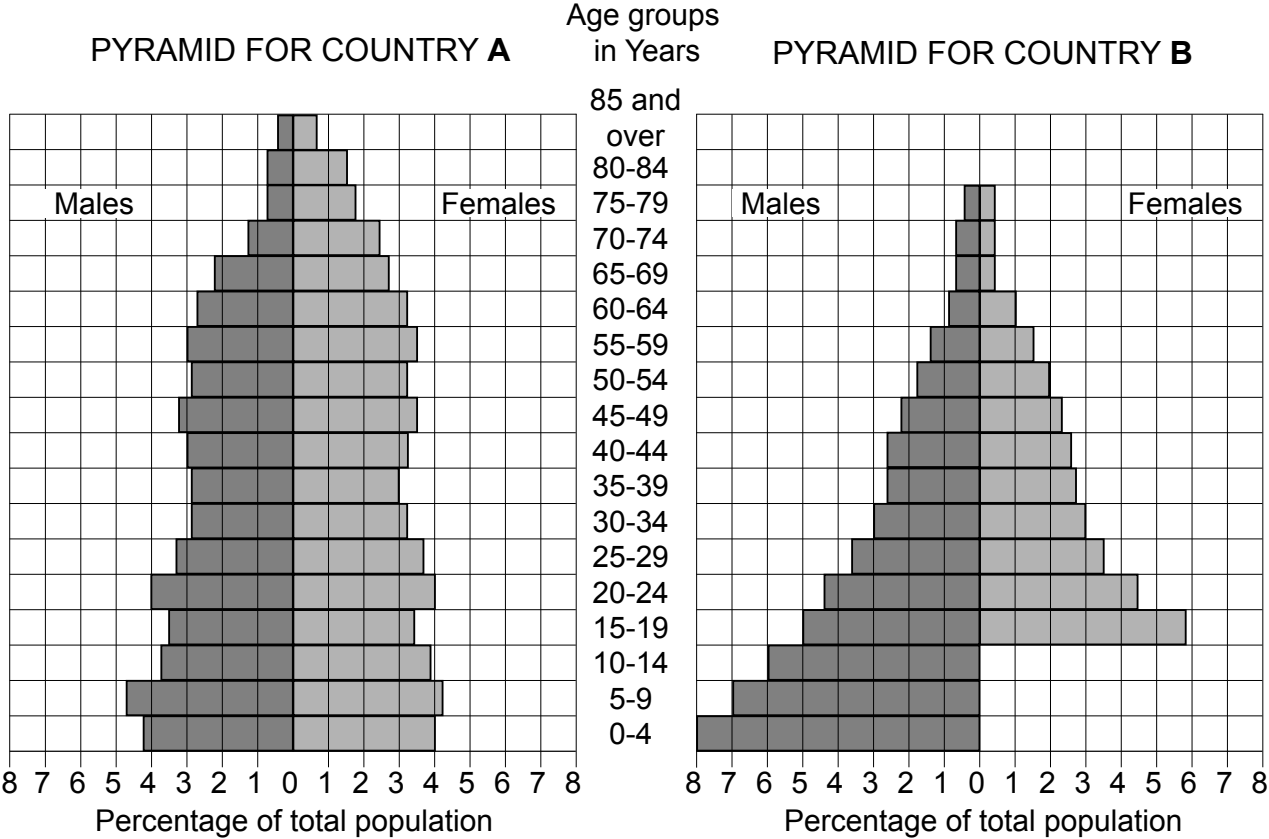


Fig. 5

(a) (i) Complete the pyramid for country **B** by using the information given below.

Females – Country B	
Age	Percentage of total population
10 – 14	6.0
5 – 9	6.5
0 – 4	8.0

[2]

(ii) In country **A** what percentage of the female population is aged under 5 years?

..... [1]

(iii) In country **B** what percentage of the total population is aged 30-34 years?

..... [1]

(iv) Which country is likely to have the higher birth rate, **A** or **B**?

..... [1]

- (v) Using information from Fig. 5 only, give **one** reason for your answer in (a) (iv).

.....

..... [1]

- (vi) Which country, **A** or **B**, has the lowest dependency ratio?

..... [1]

- (b) State **three** differences not already mentioned in (a) (v) between the two pyramids.

1.....

.....

2.....

.....

3.....

..... [3]

[10]

- 6 The table shows rainfall data for April and December, and annual totals for a weather station.

Year	April	December	Annual total
2000	36.4	165.4	833.6
2001	18.8	56.4	855.6
2002	55.0	121.1	926.8
2003	25.0	112.1	919.7
2004	105.6	82.7	835.6
2005	13.6	54.6	829.3
2006	35.9	131.3	869.6
2007	72.0	111.2	919.5
2008	63.2	59.1	830.8
2009	63.8	16.8	797.7

Rainfall in mm

- (a) Which was the wettest year?

..... [1]

- (b) Describe the pattern of rainfall for December for the period from 2000 to 2009.

.....

 [3]

- (c) Compare the pattern of rainfall totals in April with those in December.

.....

 [2]

(d) Describe the pattern of total annual rainfall over the period shown.

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[3]

[9]

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