GradeMax

Write your name here

Surname	Other names

Pearson Edexcel
International Advanced Level

Centre Number | | | | | |

Candidate Number | | | | |

Geography

International Advanced Subsidiary
Paper 1: Global Challenges

Tuesday 15 May 2018 – Afternoon
Time: 1 hour 45 minutes

Paper Reference
WGE01/01

You must have:
Resource Booklet (enclosed)

Total Marks

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** questions in Section A. Answer **either** Question 5 **or** Question 6 in Section B.
- Answer the questions in the spaces provided
  – there may be more space than you need.
- Calculators may be used.

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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SECTION A

You must use the Resource Booklet.

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

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 ☒.

1 Study Figure 1 in the Resource Booklet.

(a) (i) Identify the year with the largest number of geophysical disasters.

(1)

☒ **A** 2000

☒ **B** 2004

☒ **C** 2010

☒ **D** 2016

(ii) Describe the trend in meteorological disasters between 2000 and 2016.

(2)

(iii) Suggest **one** reason for the increase in hydrological disasters, such as flooding, since 2004.

(2)

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(b) Explain **two** causes of avalanche hazards.

(4)

1 .....

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2 .....

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(c) Explain how community preparedness and aid may reduce the impacts of hydro-meteorological disasters.

(6)

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(Total for Question 1 = 15 marks)

2 Study Figure 2 in the Resource Booklet.

(a) (i) Name the Milankovitch Cycle labelled X.

(1)

(ii) Explain **two** ways Milankovitch Cycles can change the Earth's climate.

(4)

1

2

(b) Explain how **two** sources of evidence are used to reconstruct past climates.

(4)

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(c) Explain why some groups and organisations view global warming as an opportunity rather than a threat.

(6)

(Total for Question 2 = 15 marks)

3 Study Figure 3 in the Resource Booklet.

(a) (i) Identify the correct statement about the change in the population structure of Chile between 1982 and 2016.

(1)

- ☒ **A** Chile had a greater number of 0-14 year olds in 2016
- ☒ **B** Chile had fewer females over 80 years old in 2016
- ☒ **C** Chile had a greater number of 45-59 year olds in 2016
- ☒ **D** Chile had fewer males over 80 years old in 2016

(ii) Suggest **one** reason for the change in the Chilean population aged over 80.

(2)

(iii) Explain **one** economic consequence of the change in the Chilean population structure between 1982 and 2016, as shown in Figure 3.

(3)

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(b) Explain **one** way that globalisation encourages rural-urban migration.

(3)

(c) Explain the impacts on resources of rapidly rising populations in developing countries.

(6)

(Total for Question 3 = 15 marks)

4 Study Figure 4 in the Resource Booklet.

(a) (i) Which province had the largest outflow of migrants?

(1)

(ii) Describe the pattern of net migration shown.

(4)

(b) Explain the costs of emigration for source countries.

(4)

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(c) Explain how the management of migration from conflict zones can present challenges for destination countries.

(6)

(Total for Question 4 = 15 marks)

TOTAL FOR SECTION A = 60 MARKS

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SECTION B

Answer ONE question in this section – EITHER Question 5 OR Question 6.
Use the evidence provided in the Resource Booklet, your own ideas and examples.

If you answer Question 5 put a cross in the box ☒ .

5 Study Figure 5 in the Resource Booklet.

(a) Explain why some places in Africa are at greater risk from global warming than others.

(10)

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(b) Assess the extent to which economic costs are the most significant impact of natural disasters.

(20)

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(Total for Question 5 = 30 marks)

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If you answer Question 6 put a cross in the box ☒ .

6 Study Figure 6 in the Resource Booklet.

(a) Explain the contribution Special Economic Zones have made to globalisation in countries such as India.

(10)

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(b) Assess the extent to which the growth of megacities creates more challenges than opportunities.

(20)

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(Total for Question 6 = 30 marks)

TOTAL FOR SECTION B = 30 MARKS
TOTAL FOR PAPER = 90 MARKS

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GradeMax

Pearson Edexcel
International Advanced Level

Geography
International Advanced Subsidiary
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Do not return this Resource Booklet with the question paper.

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SECTION A

The following resource relates to Question 1.

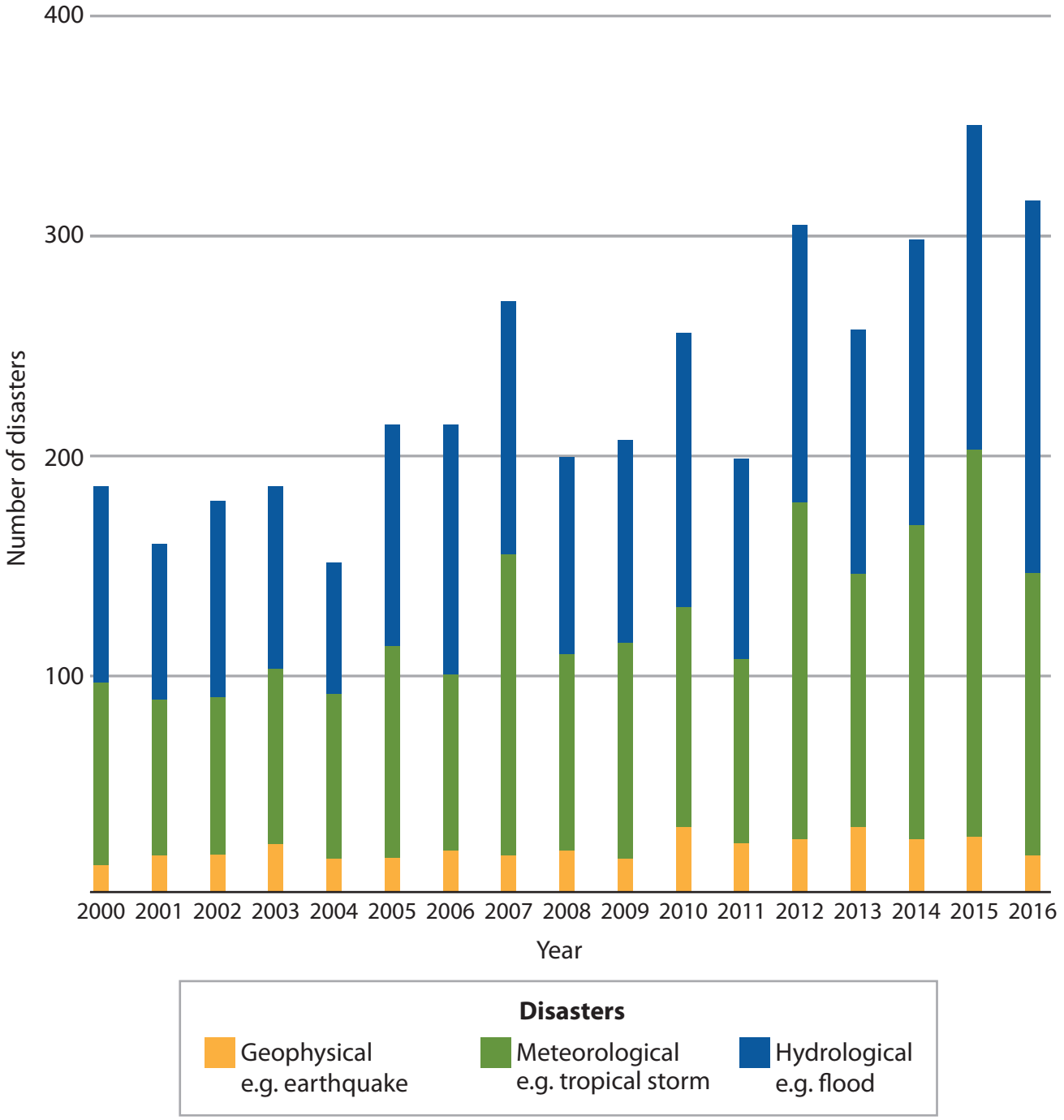


Figure 1

Number of disasters worldwide 2000-2016

The following resource relates to Question 2.

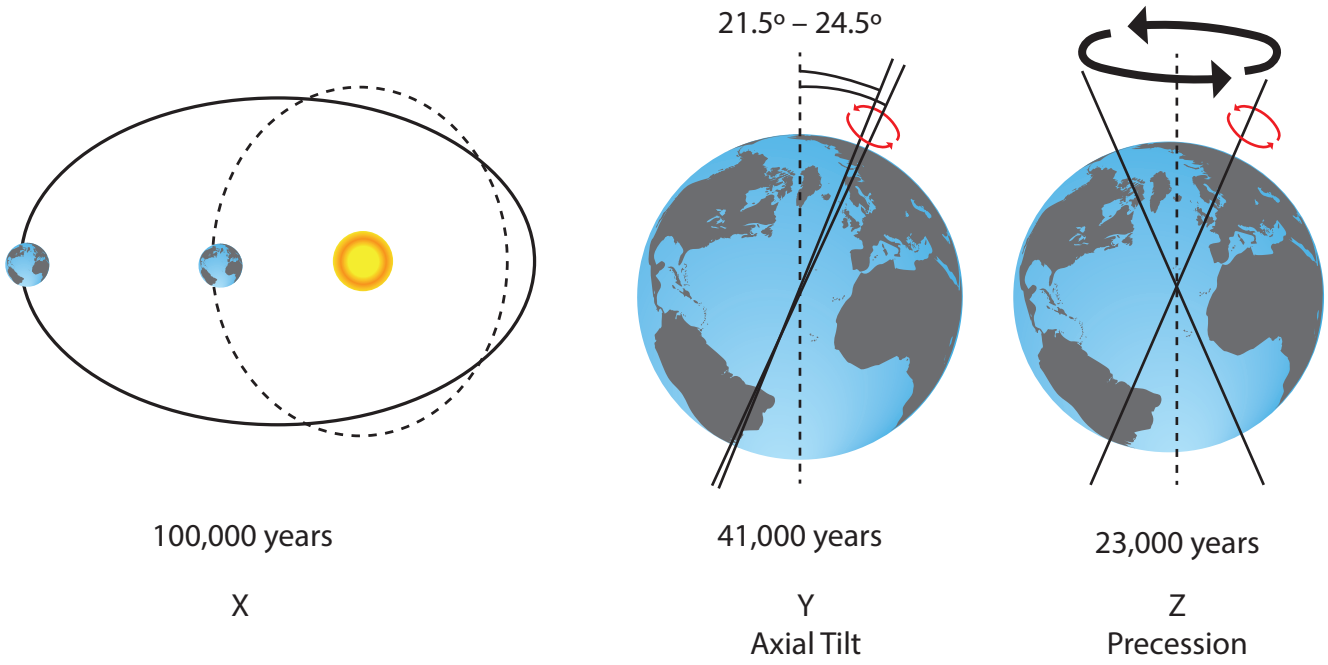
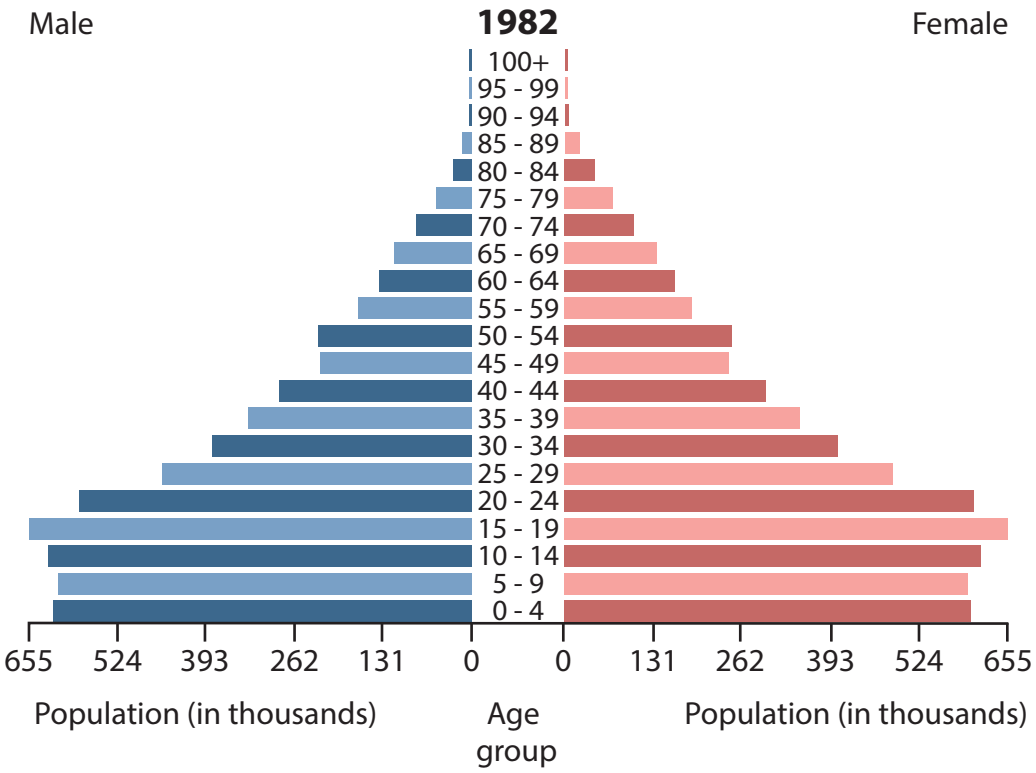


Figure 2

The Milankovitch Cycles

The following resource relates to Question 3.



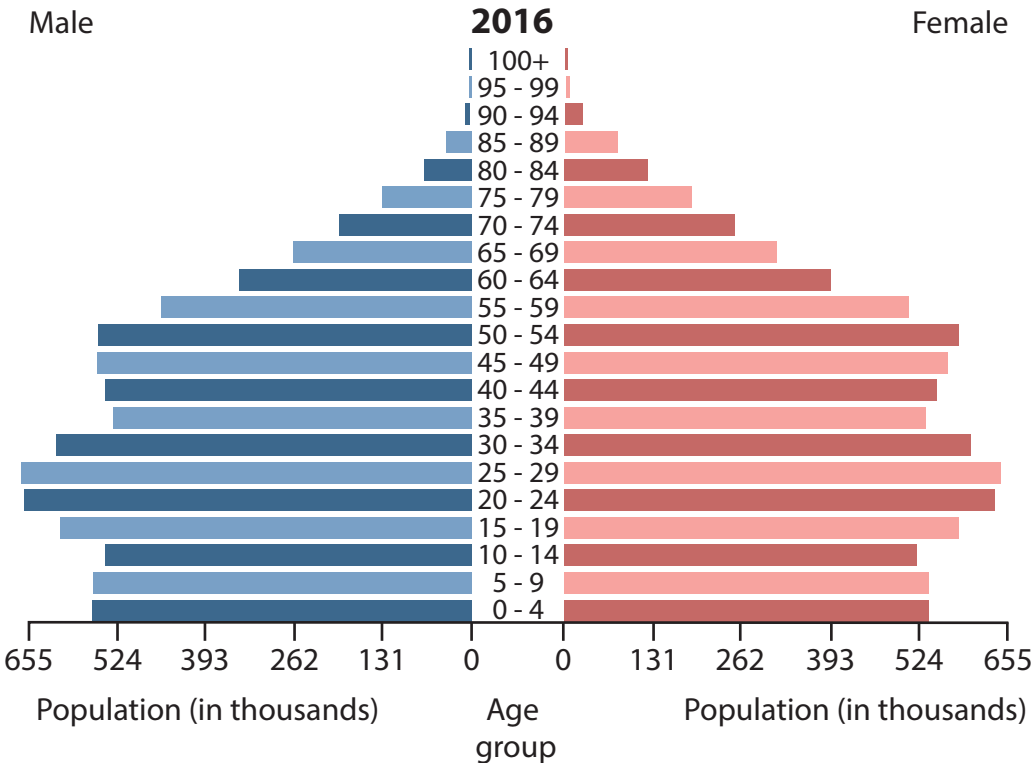


Figure 3

Population pyramids for Chile in 1982 and 2016

The following resource relates to Question 4.

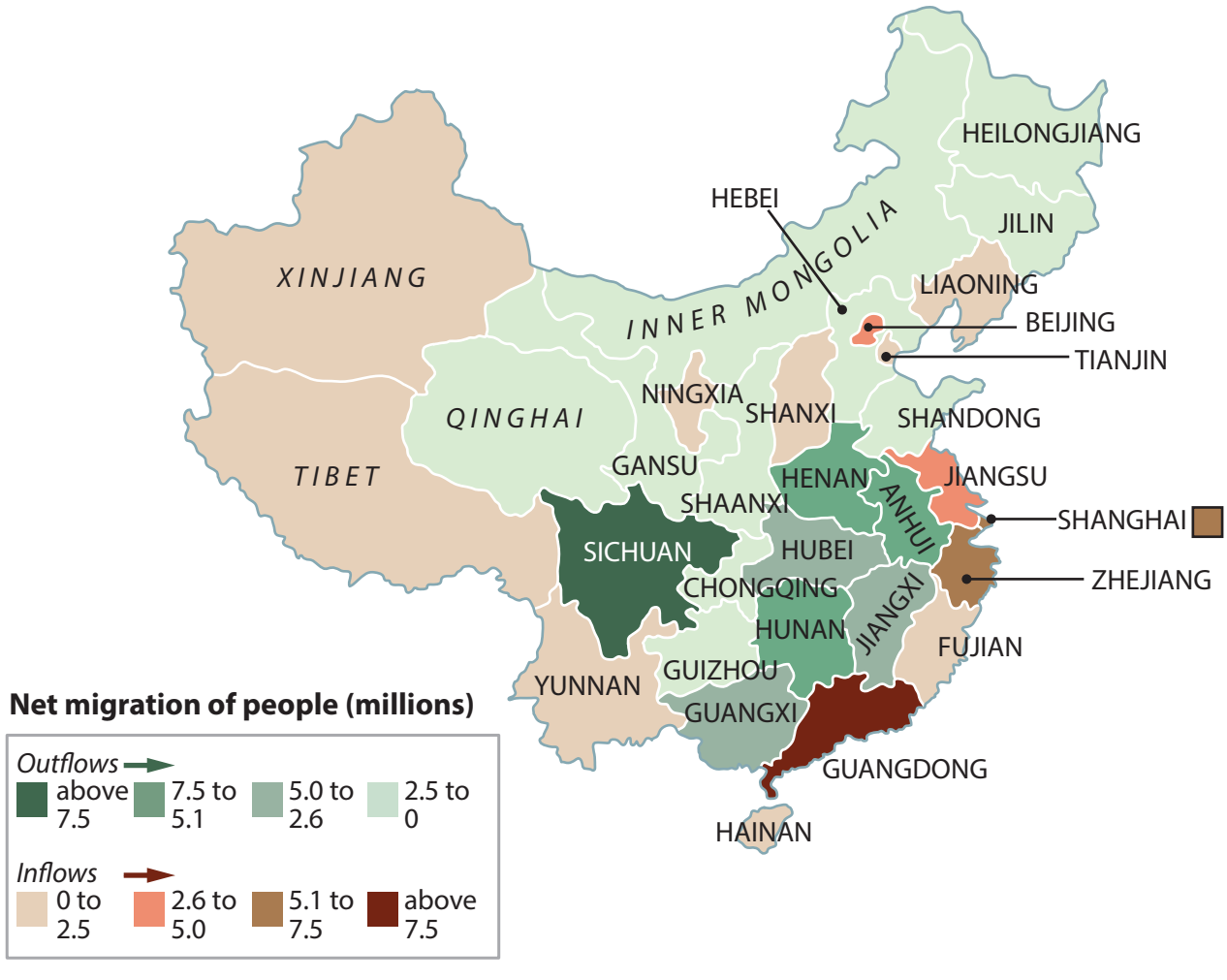


Figure 4

Net internal migration between Chinese provinces from 1990 to 2005

SECTION B

The following resource relates to question 5.

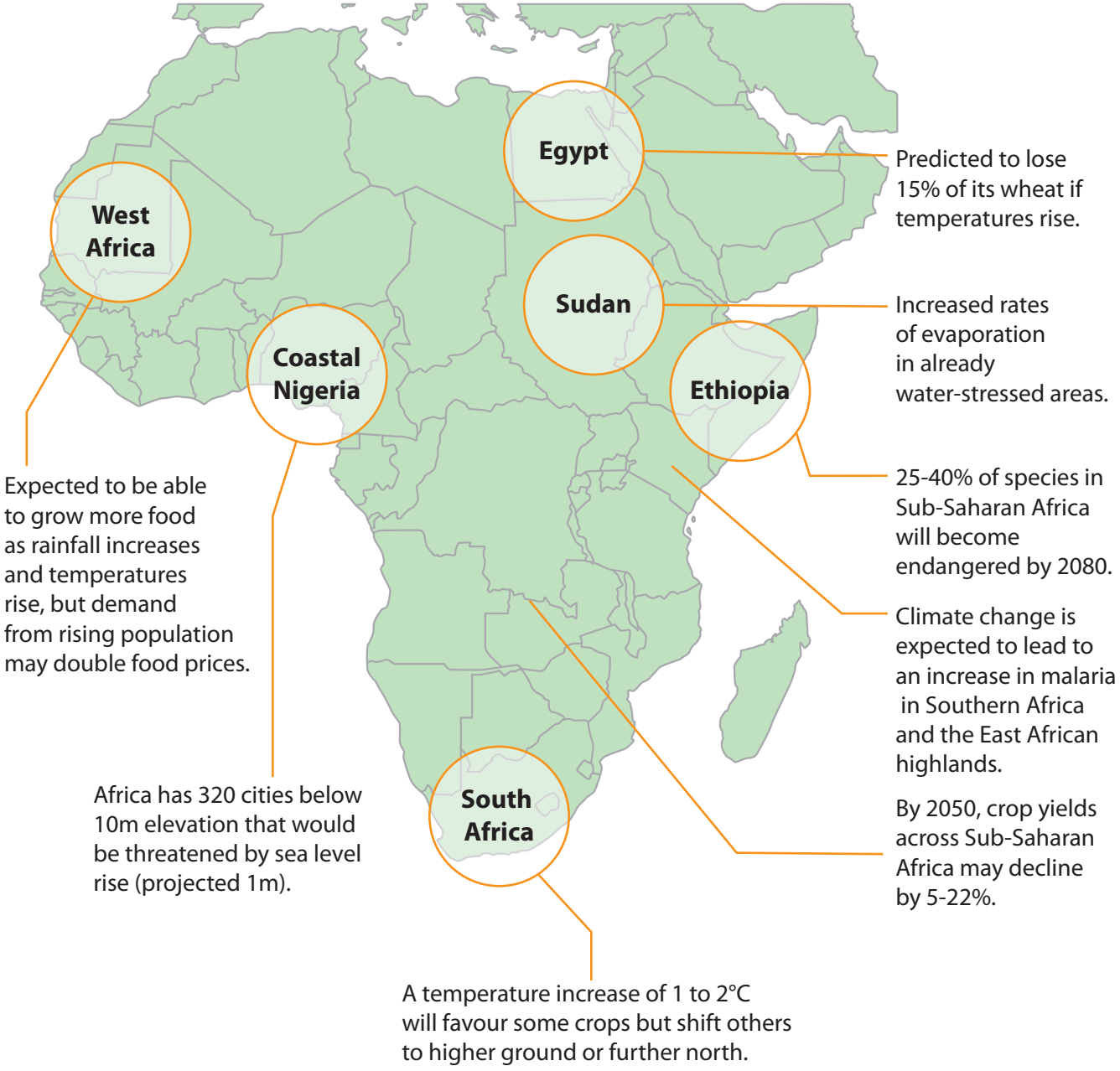


Figure 5

Possible impacts of climate change on Africa if temperatures rise by 2°C

The following resource is for Question 6.

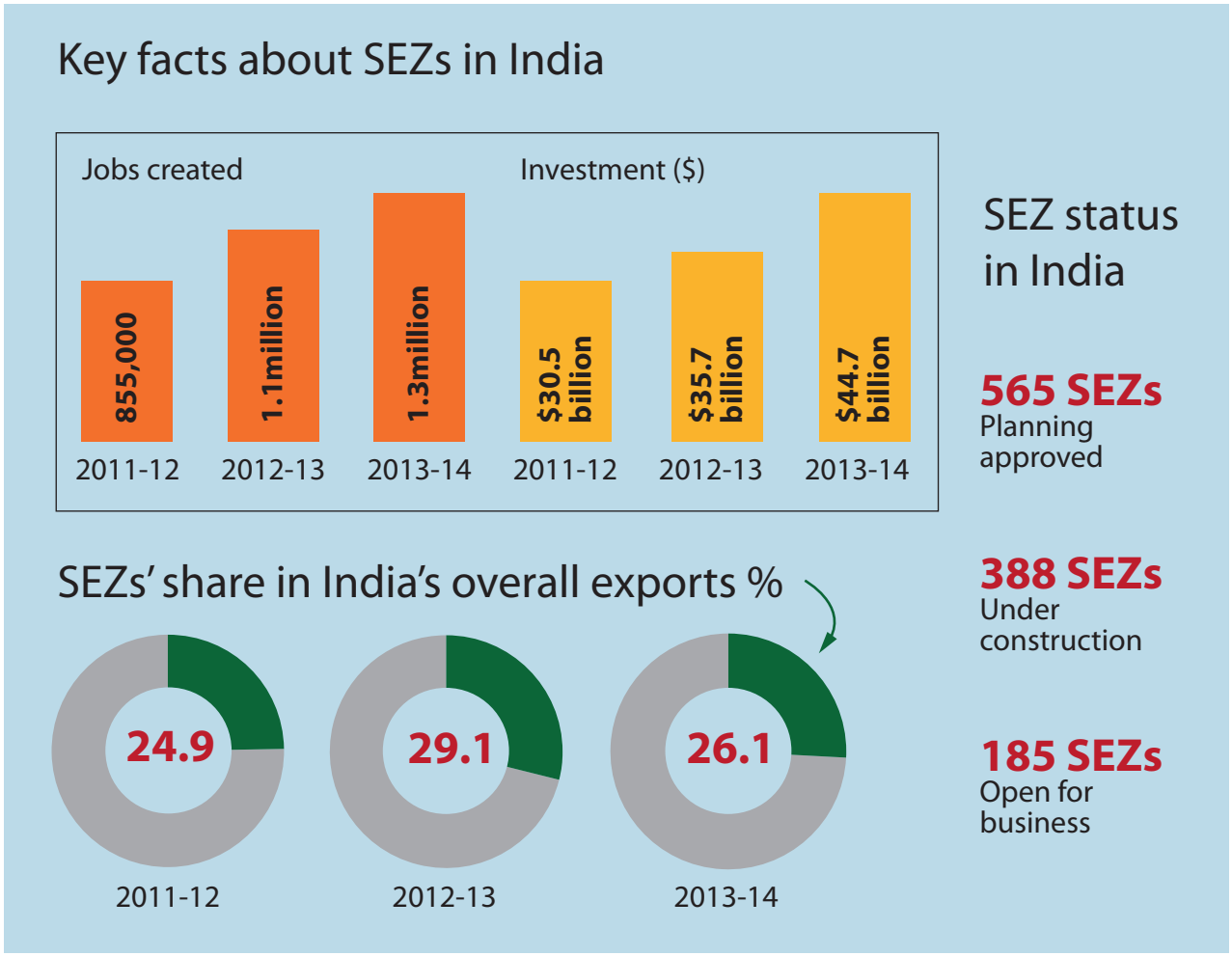


Figure 6

Key facts about Special Economic Zones (SEZs) in India

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Figure 2 – Source from: http://www.earthmagazine.org/sites/earthmagazine.org/files/2016-04/Milankovitch.png

Figure 3 – Source from: https://populationpyramid.net/chile/1960/

Figure 5 – © Guardian News and Media Services

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