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Pearson Edexcel
International
Advanced Level

Centre Number	Candidate Number
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Geography

International Advanced Subsidiary

Paper 1: Global Challenges

Tuesday 15 May 2018 – Afternoon Time: 1 hour 45 minutes	Paper Reference WGE01/01
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You must have: 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** 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.

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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)

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

(2)

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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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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)

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

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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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Do not return this Resource Booklet with the question paper.

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SECTION A

The following resource relates to Question 1.

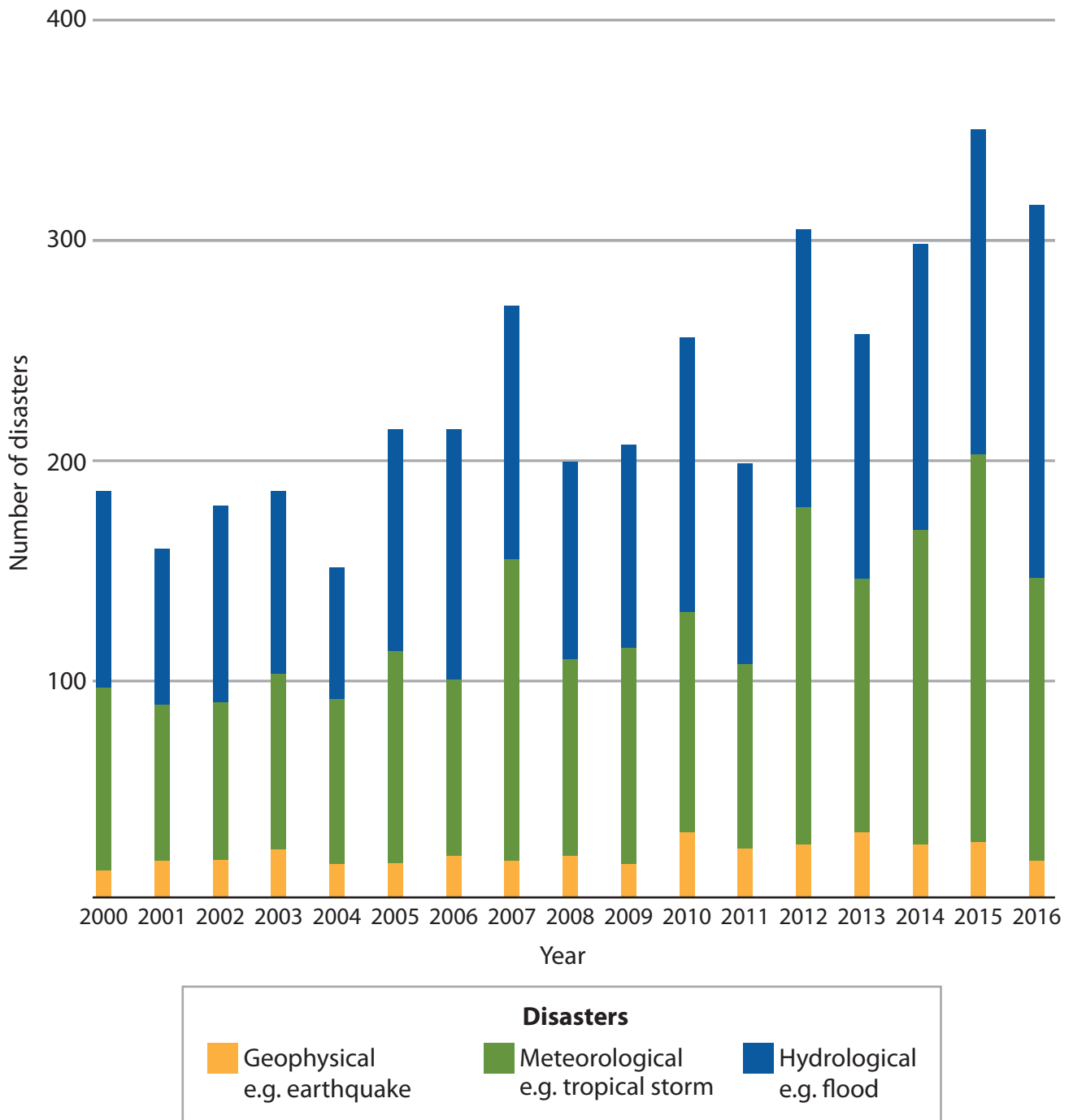


Figure 1
Number of disasters worldwide 2000-2016

The following resource relates to Question 2.

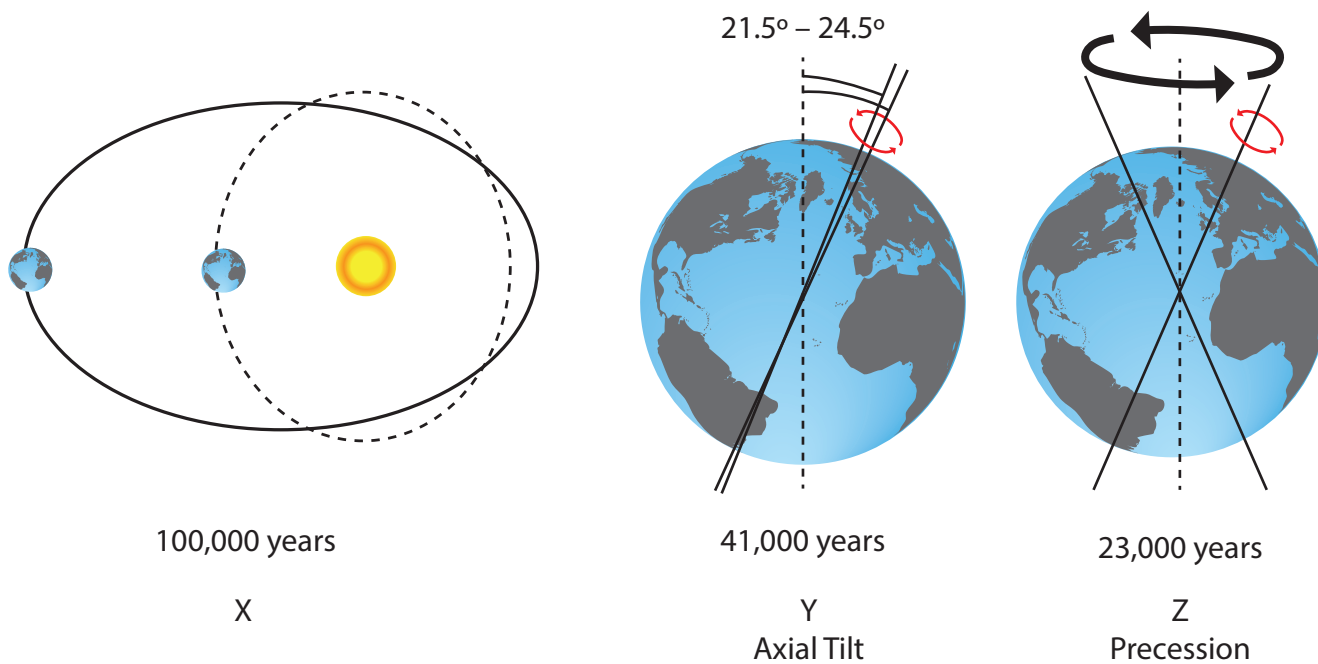


Figure 2
The Milankovitch Cycles

The following resource relates to Question 3.

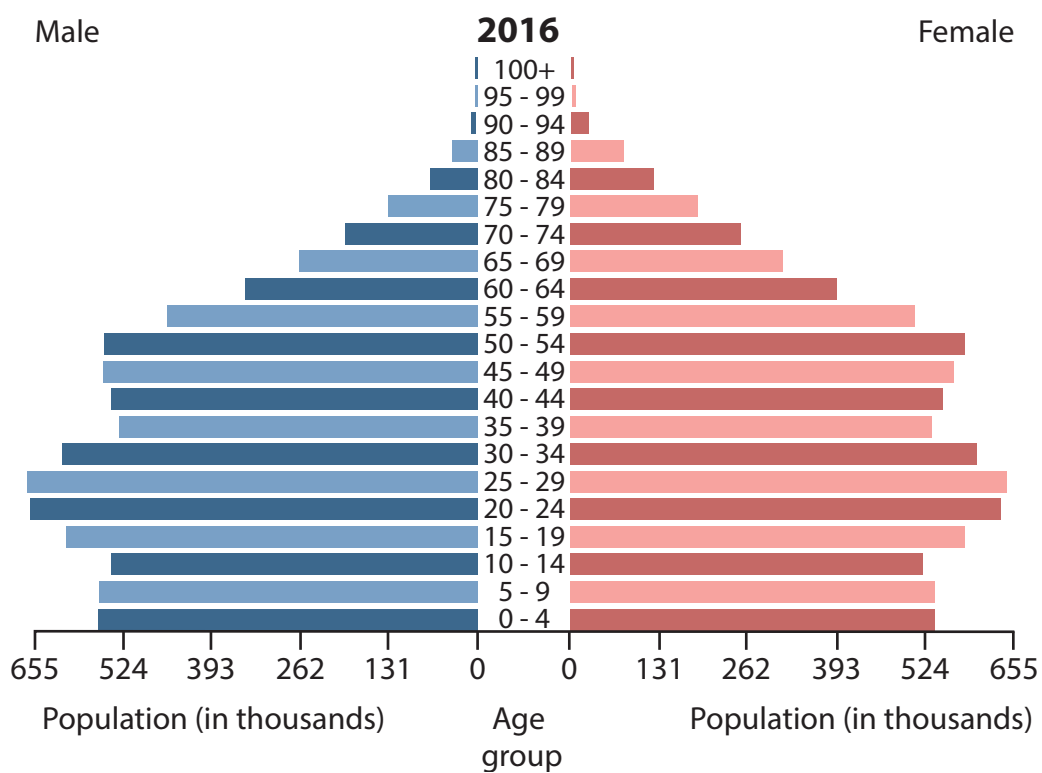
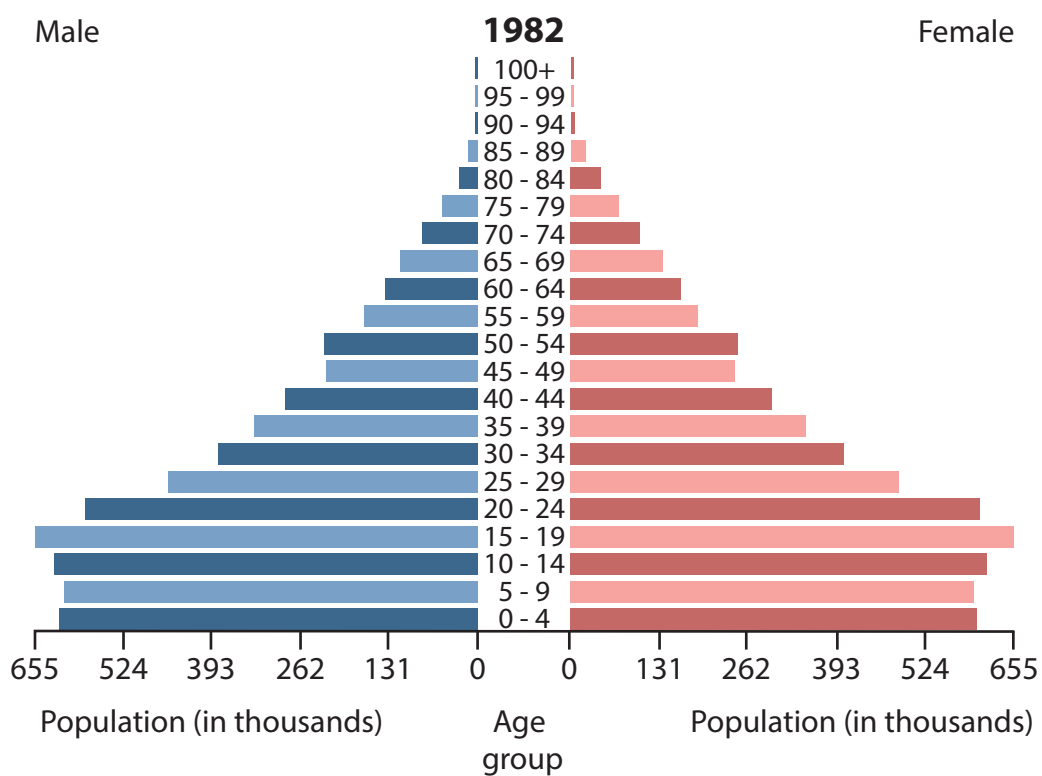


Figure 3
Population pyramids for Chile in 1982 and 2016

The following resource relates to Question 4.

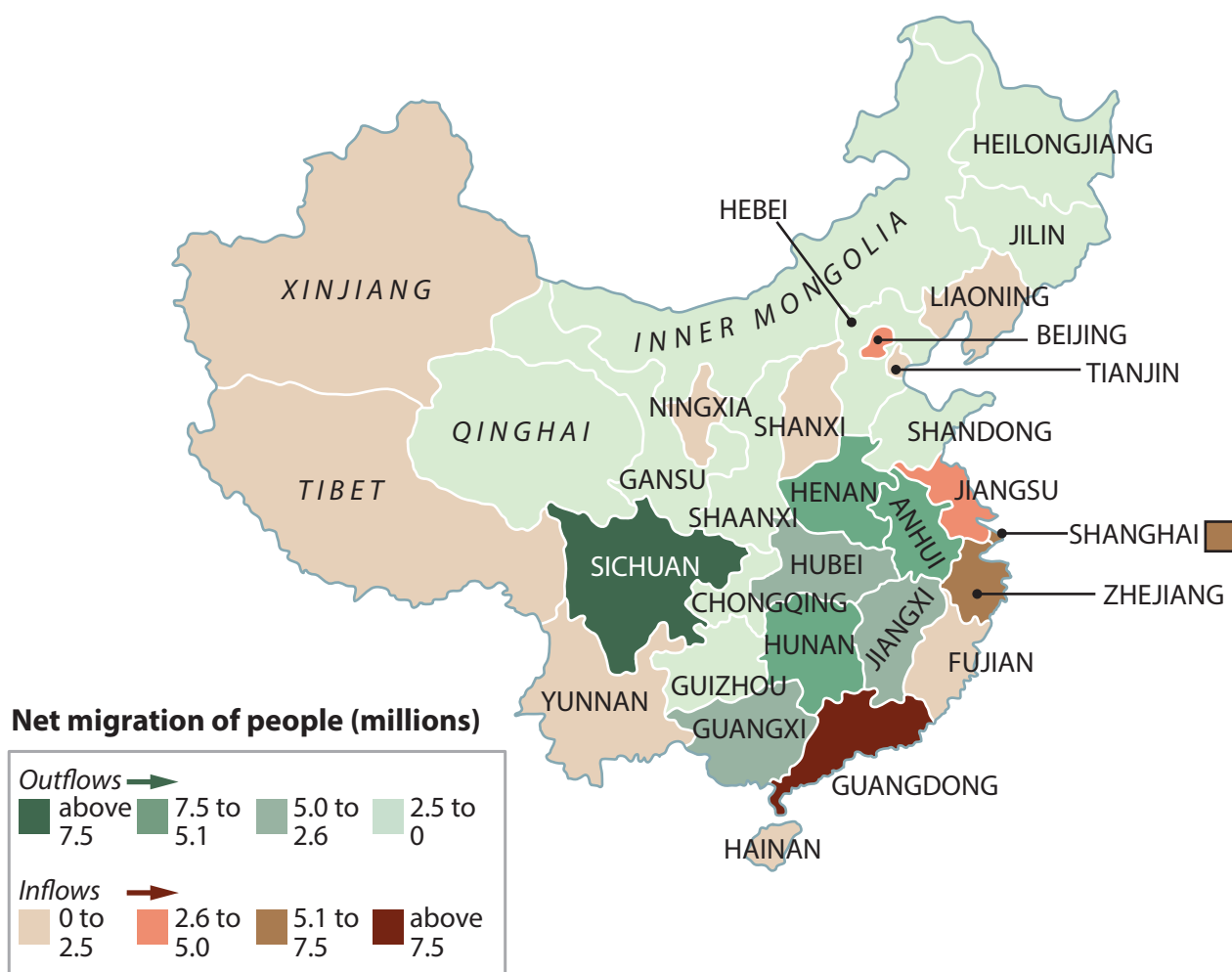


Figure 4

Net internal migration between Chinese provinces from 1990 to 2005

SECTION B

The following resource relates to question 5.

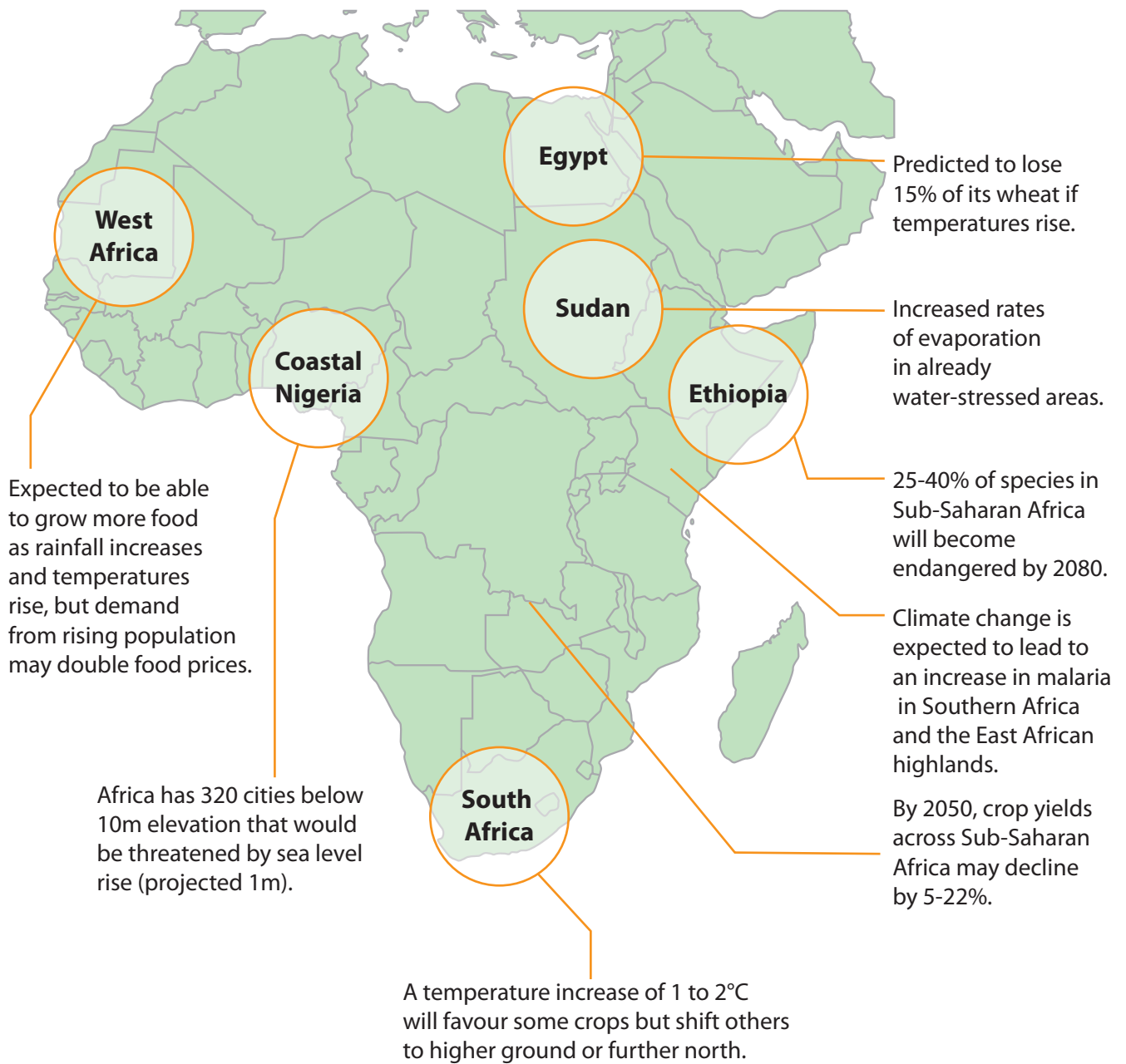


Figure 5

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

The following resource is for Question 6.

Key facts about SEZs in India

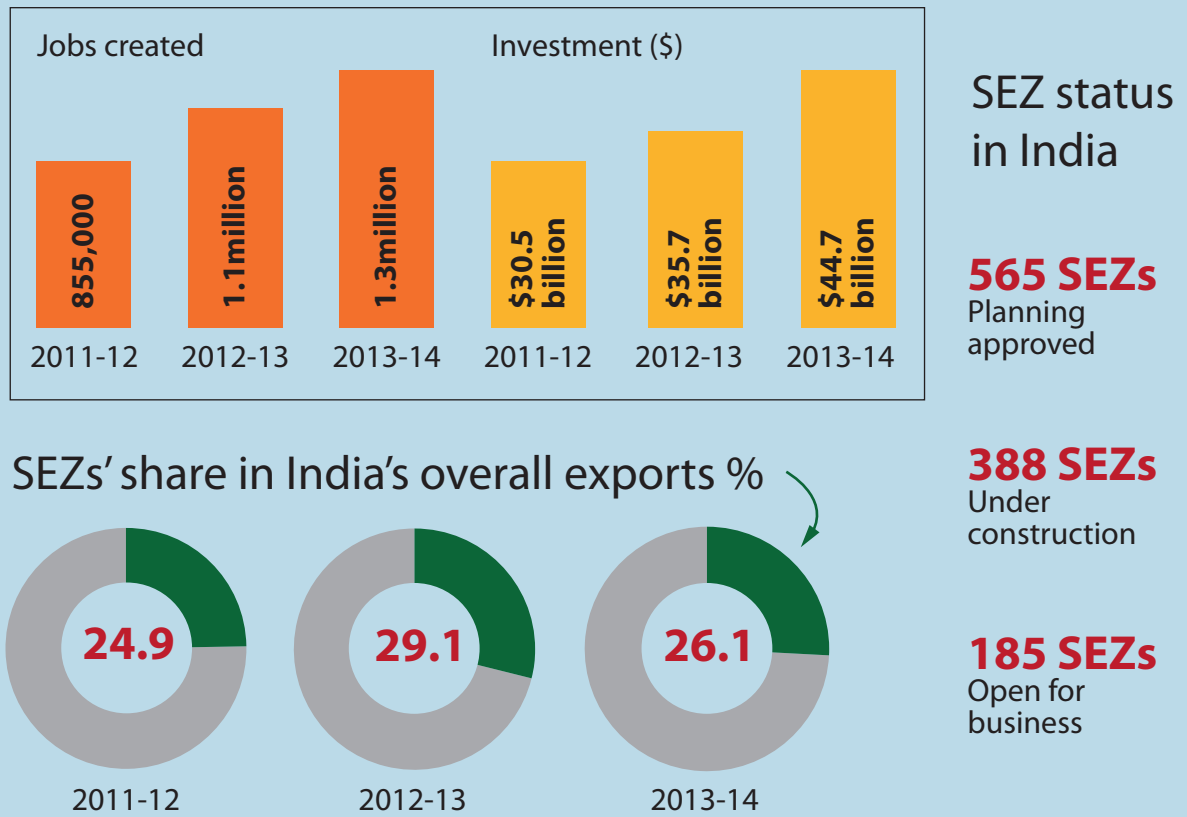


Figure 6

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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