

**Victorian Certificate of Education
2019**

SUPERVISOR TO ATTACH PROCESSING LABEL HERE

STUDENT NUMBER Letter

GEOGRAPHY
Written examination

Friday 15 November 2019

Reading time: 11.45 am to 12.00 noon (15 minutes)

Writing time: 12.00 noon to 2.00 pm (2 hours)

QUESTION AND ANSWER BOOK

Structure of book

<i>Number of questions</i>	<i>Number of questions to be answered</i>	<i>Number of marks</i>
8	8	80

- Students are permitted to bring into the examination room: pens, pencils, highlighters, erasers, sharpeners, rulers, coloured pencils, water-based pens and markers.
- Students are NOT permitted to bring into the examination room: blank sheets of paper and/or correction fluid/tape.
- No calculator is allowed in this examination.

Materials supplied

- Question and answer book of 12 pages
- Data book
- Additional space is available at the end of the book if you need extra paper to complete an answer.

Instructions

- Write your **student number** in the space provided above on this page.
- All written responses must be in English.

At the end of the examination

- You may keep the data book.

Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.

Instructions

Answer **all** questions in the spaces provided. Refer to the data book as indicated.

Use Figure 1 on pages 2 and 3 of the data book when responding to Question 1.

Question 1 (16 marks)

- a.** Identify two geographical characteristics of the site at 33 Rue du Cardinal Lemoine. 2 marks

1. _____

2. _____

- b.** Identify two geographical characteristics of the surrounding region of 33 Rue du Cardinal Lemoine. 2 marks

1. _____

2. _____

- c.** Outline **one** way in which the changed land use shown in Figure 1d is likely to be more suited to the surrounding region than the previous land use was. 3 marks

Use Figure 3 on pages 6 and 7 of the data book when responding to Questions 5 and 6.

Question 5 (4 marks)

For each of the questions that follow, select **one** of the countries labelled A–G in Figure 3.

- a. Which country has a population density of between 10 and 50 persons per square kilometre extending over nearly the whole of its territory? 1 mark

- b. Except in a narrow band in the south, where the population density is between 1 and 50 persons per square kilometre, which country has a population density of less than one person per square kilometre over most of its territory? 1 mark

- c. Which country has areas with a population density exceeding 100 persons per square kilometre extending up to 1000 kilometres west from the coast? 1 mark

- d. Which country's only high-density area is an inland pocket of over 100 persons per square kilometre surrounded by areas with lower population densities? 1 mark

Question 8 (18 marks)

Name a country with **either** a growing population **or** an ageing population.

Country _____

State whether this country's population is growing or ageing.

- a. Describe **one** issue and **one** associated challenge found in the population of the country that you have named.

6 marks

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DATA BOOK

Instructions

A question and answer book is provided with this data book.

Refer to the data in this book for each question as indicated in the question and answer book.

The data contained in this book is drawn from current real-world case studies.

Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.

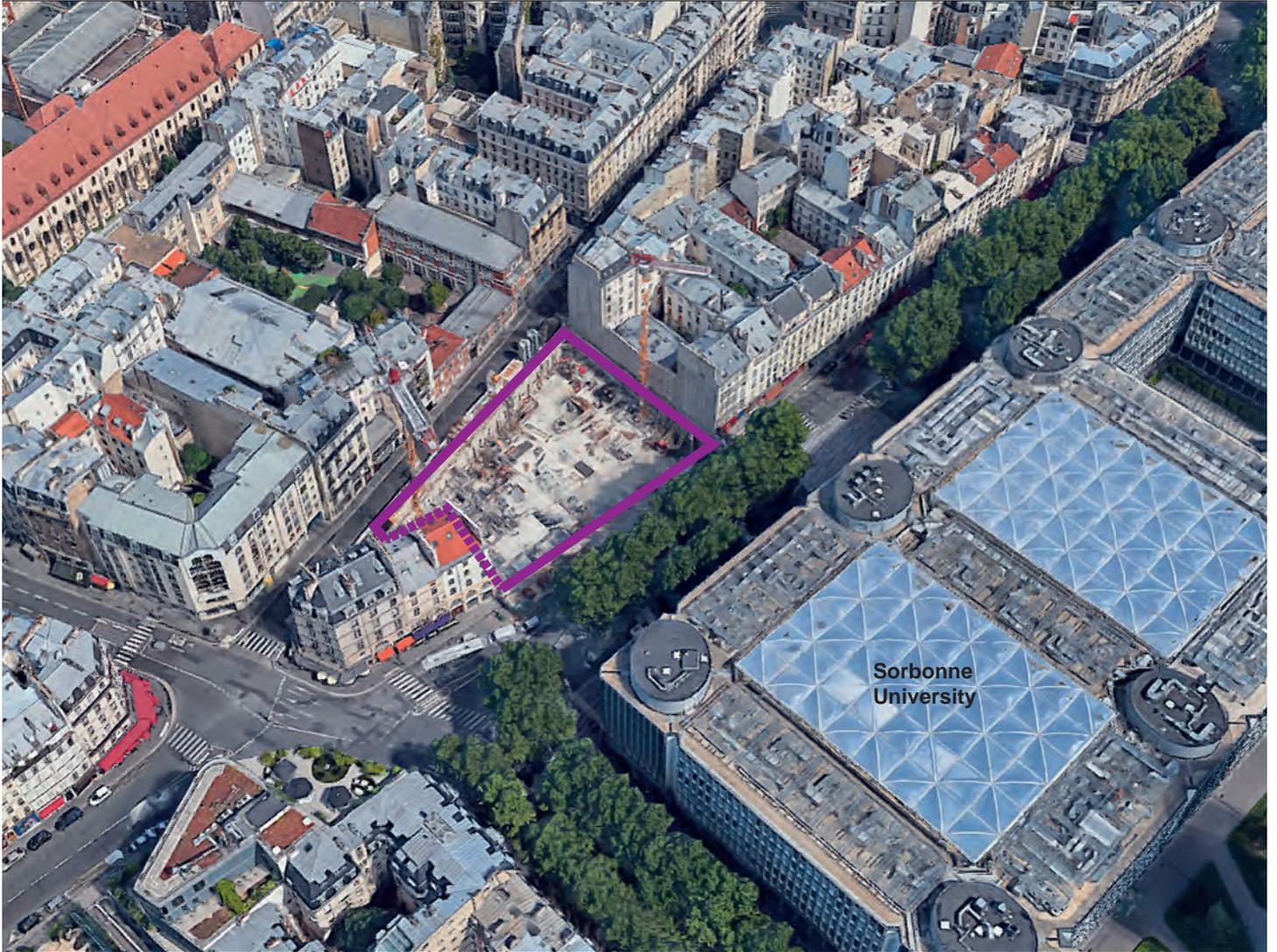
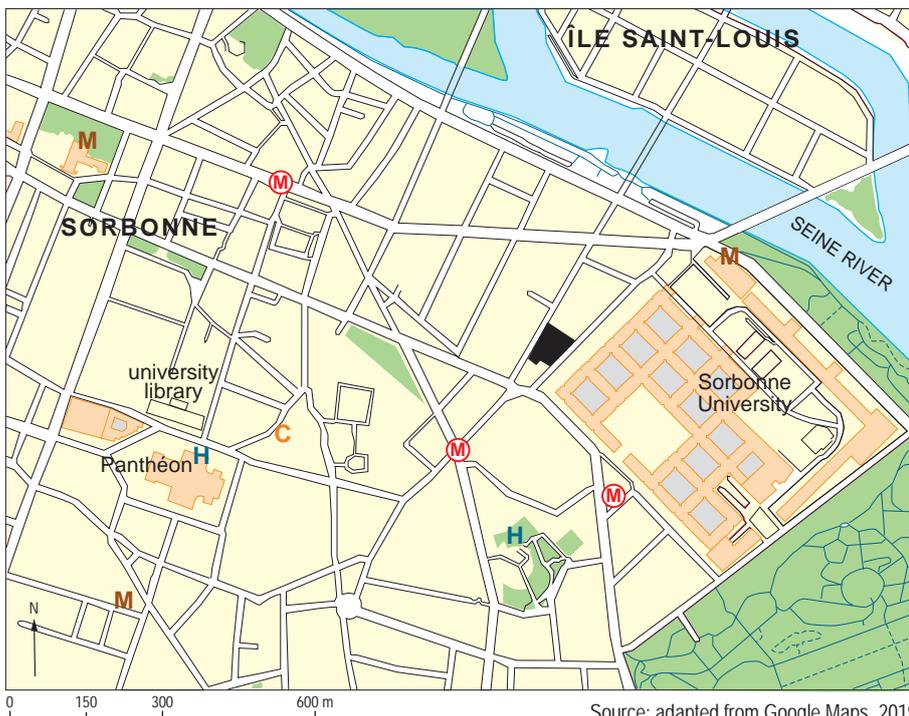


Figure 1a: Aerial view locating the land use change site as it was in 2017

Source: adapted from Google Earth, 2019



Source: adapted from Google Maps, 2019

Key

-  site boundary
-  obscured site boundary

Key

-  urban land
- SORBONNE**
-  land use change site
-  metro (underground rail station)
-  museum, cultural centre
-  open space
-  church
-  historic site
-  road

Figure 1b: Location map

Background information

Land use change at 33 Rue du Cardinal Lemoine, an inner location in Paris, occurred between 2016 and 2019. A commercial, multistorey car park with some apartments was demolished and replaced with 135 apartments and street-level retailing.



Figure 1c: Demolition, 2017



Figure 1d: The almost completed project, 2019



Key

value per square metre in Australian dollars
 less than A\$11 200 more than A\$21 600

└─┘ site boundary
└─┘ obscured site boundary

Figure 1e: Land values in the surrounding region, 2017

Source: adapted from Meilleurs Agents, <www.meilleursagents/prix-immobilier/paris-75000/rue-du-cardinal-lemoine-2019/33>, © Mapbox and OpenStreetMap; reproduced by kind permission of Meilleurs Agents

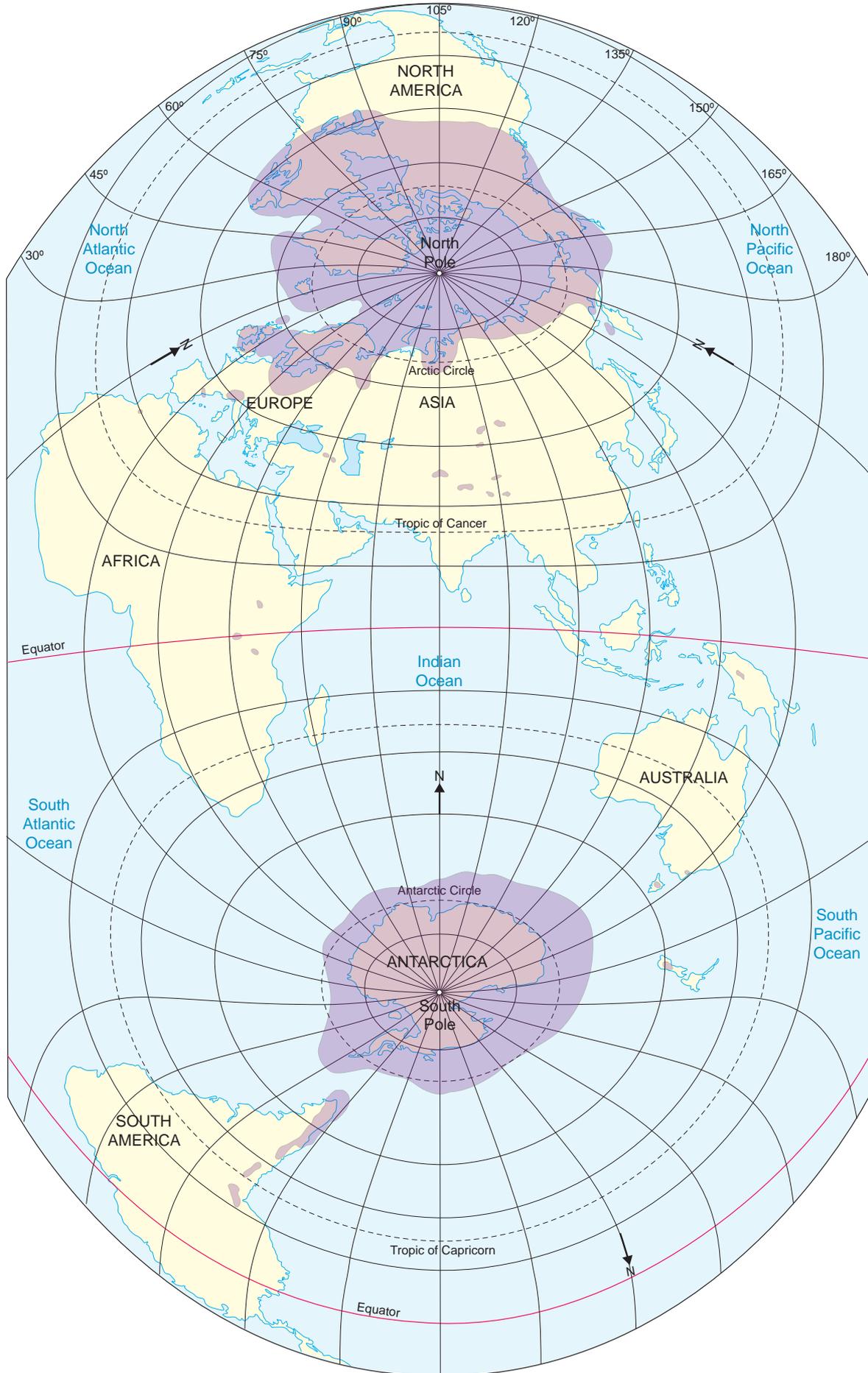
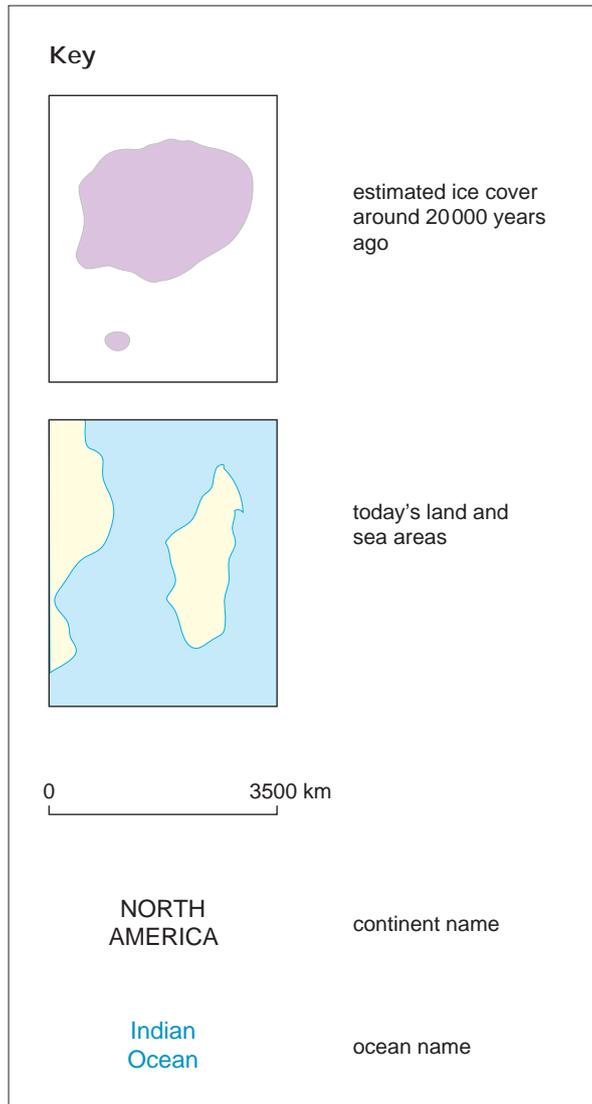


Figure 2: Estimated ice cover over Earth's surface around 20000 years ago



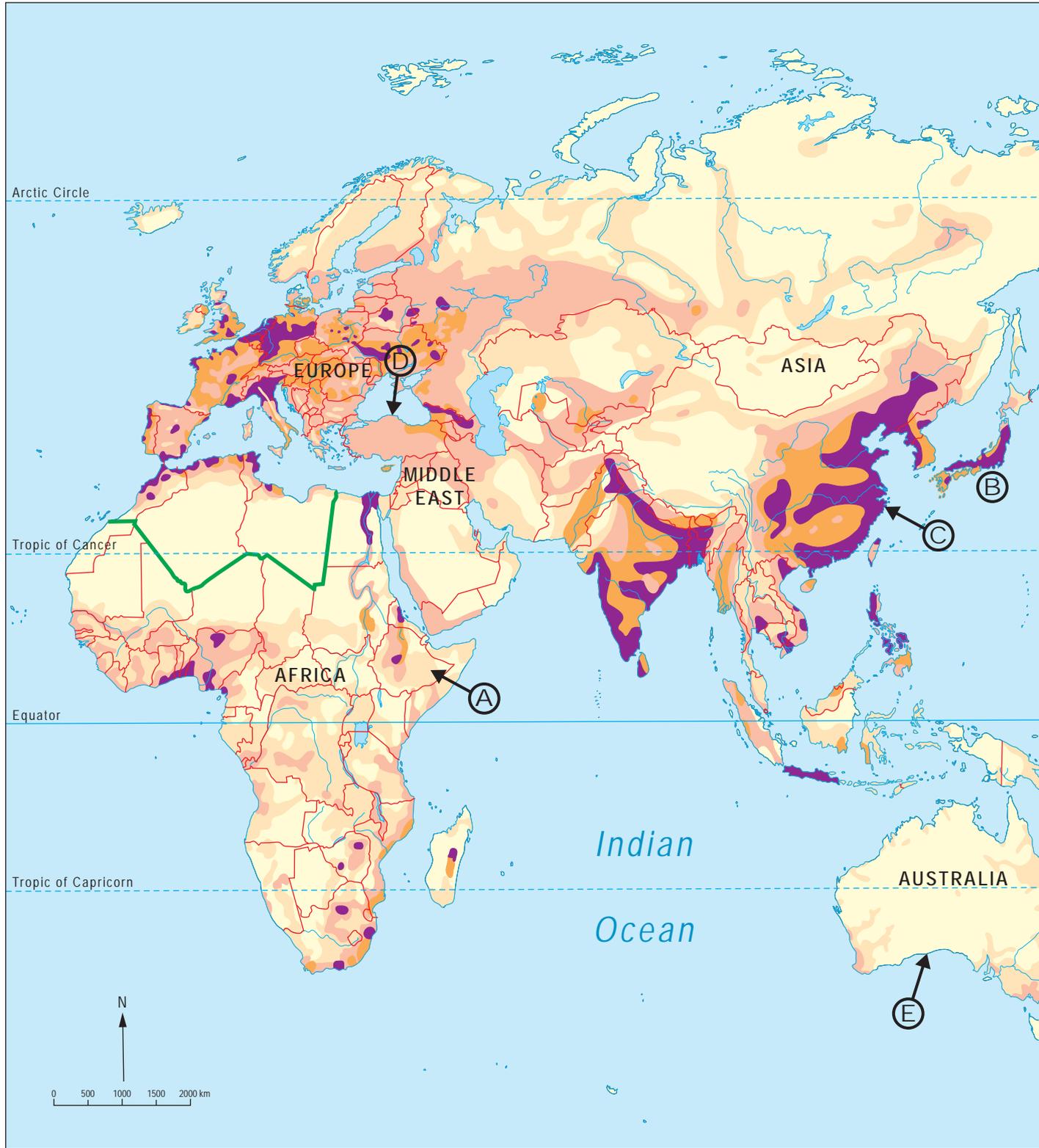
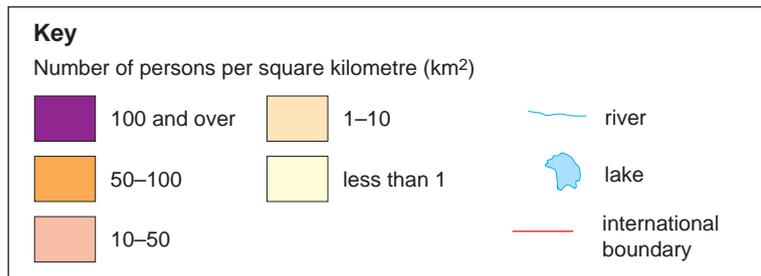
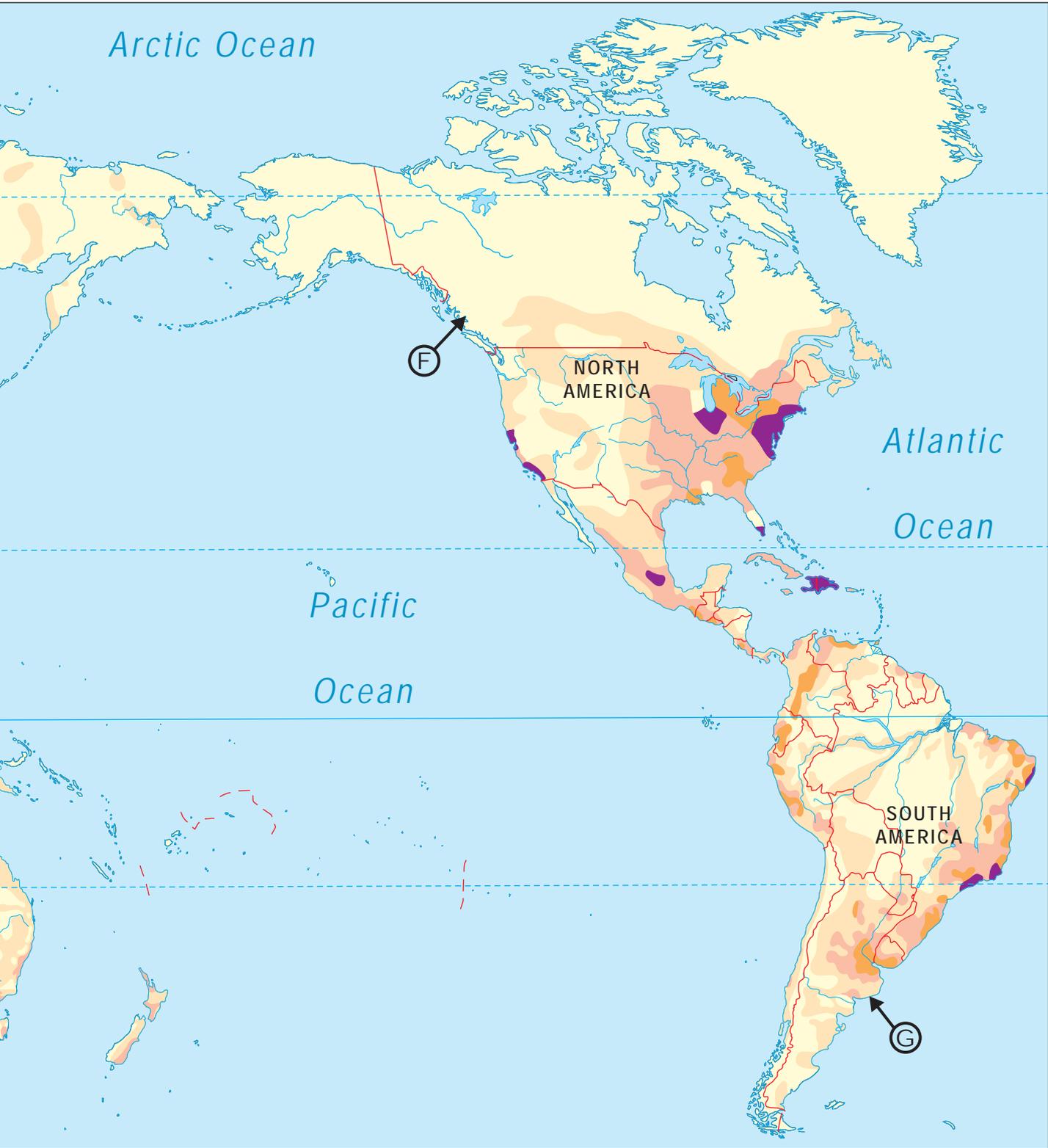


Figure 3: World population distribution





Source: adapted from *Heinemann Atlas*, 4th edition, Harcourt Education, Port Melbourne, 2005, pp. 216 and 217

- (A) Ethiopia
- (B) Japan
- (C) China
- (D) Turkey
- (E) Australia
- (F) Canada
- (G) Argentina



four most northerly African countries