

Victorian Certificate of Education 2019

SUPERVISOR TO ATTACH PROCESSING LABEL HERE

				Letter	
STUDENT NUMBER					

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

Number of questions	Number of questions to be answered	Number of marks
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.

Qu	estion 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

State the location and describe the land use change for the selected area of fieldwork that you have undertaken this year.	2 r
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Assess the impacts or likely impacts of the land use change in the surrounding region of your selected area of fieldwork.	7 1
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Use Figure 2 on pages 4 and 5 of the data book when responding to Question 2.

Question 2 (8 marks)				
Describe the spatial distribution of the estimated ice cover over Earth's surface around 20 000 years ago.				

Question 3 (8 marks)

Outline either one human activity causing deforestation at a selected location or one natural process causing desertification at a selected location.	2 ma
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Describe the impacts of the change in land cover from part a. on the environment at the selected location.	6 m
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Ou	estion	4 (8	marks)	١

valuate the effectiveness of a global response to the impacts of either deforestation or desertificely elting ice sheets and glaciers.	eation or

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

On	estion	6	(10)	marks)
Vu	CSHOII	v	UU	marks

'The pattern of population distribution of the four most northerly African countries, outlined in green in Figure 3, is found in many other regions of the world.' With reference to **three** examples, discuss to what extent you agree with this statement.

Question 7 (8 marks)				
How does Malthusian theory explain population growth and sustainability?				

Qu	Question 8 (18 marks)					
Na	me a country with either a growing population or an ageing population.					
Co	Country					
Sta	te 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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Evaluate how successful one response has been in addressing the issue and associate challenge described in part a	
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Extra space for responses

Clearly number all responses in this space.

An answer book is available from the supervisor if you need extra paper to complete an answer. Please ensure you write your **student number** in the space provided on the front cover of the answer book. **At the end of the examination, place the answer book inside the front cover of this question and answer book.**





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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.

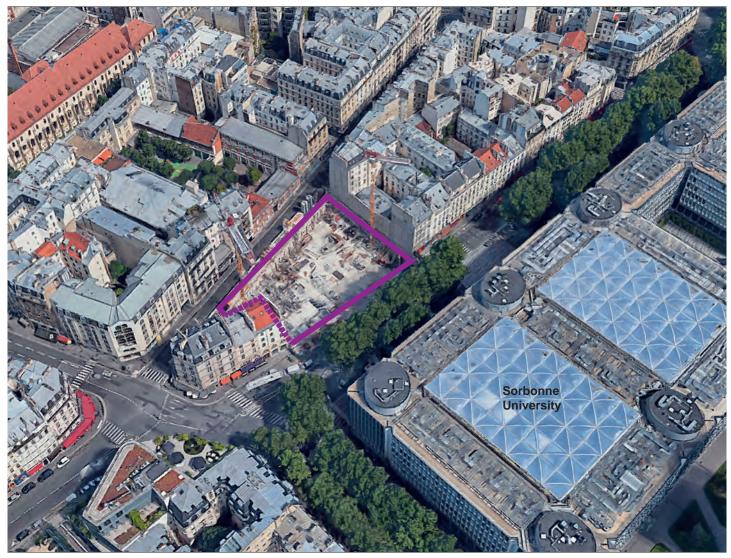


Figure 1a: Aerial view locating the land use change site as it was in 2017

SORBONNE

Sorbonne

University

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Source: adapted from Google Maps, 2019

Source: adapted from Google Earth, 2019

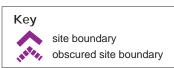




Figure 1b: Location map

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.



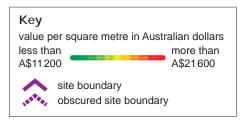
Figure 1c: Demolition, 2017



Figure 1d: The almost completed project, 2019



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

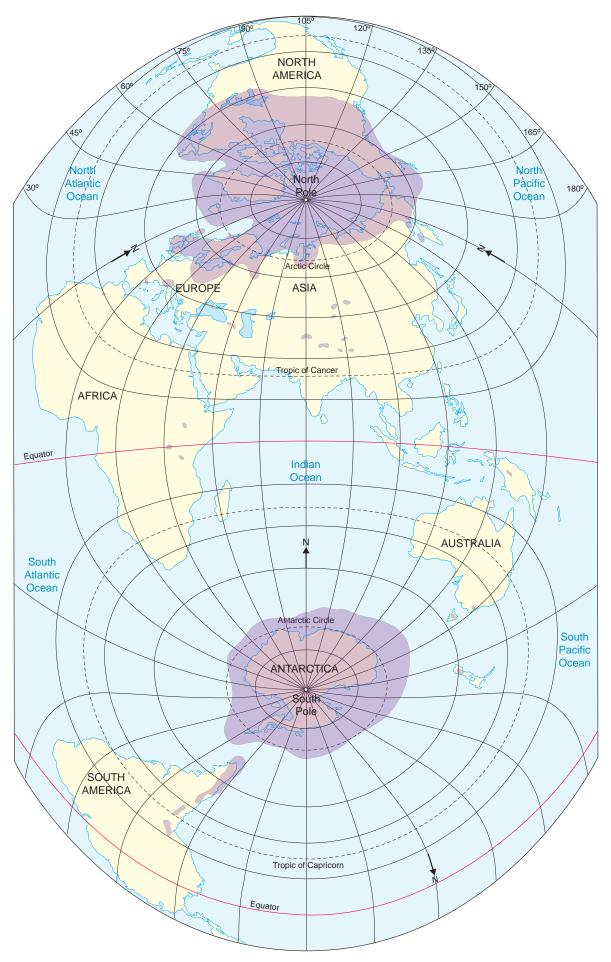
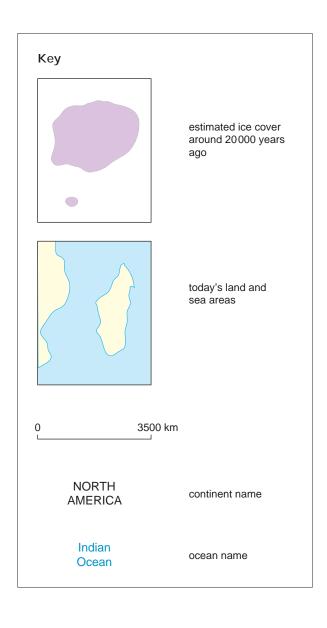


Figure 2: Estimated ice cover over Earth's surface around 20 000 years ago



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TURN OVER

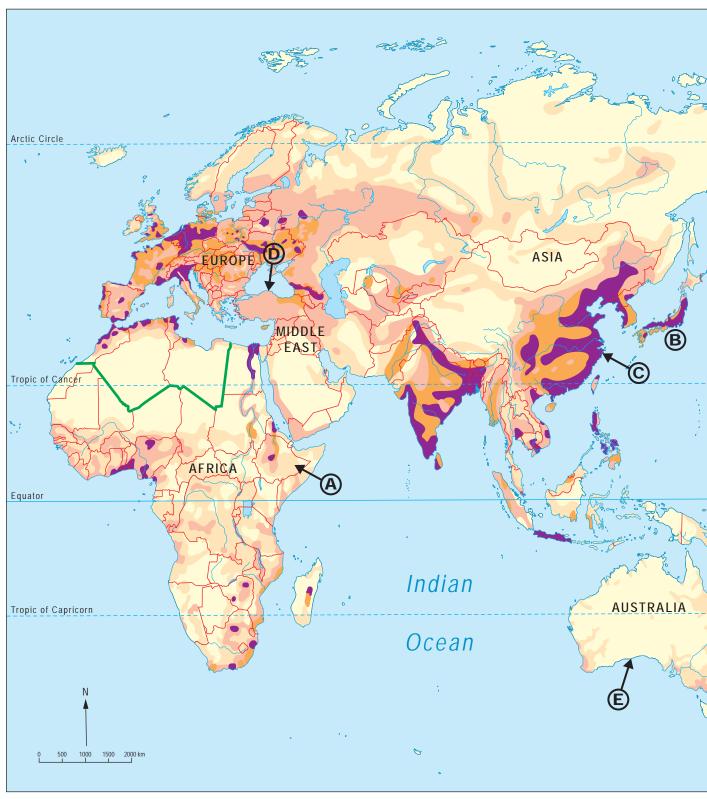
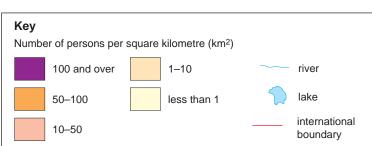


Figure 3: World population distribution





Port Melbourne, 2005, pp. 216 and 217

A Ethiopia B Japan

C China
Turkey

Australia

F Canada

Argentina

four most northerly

African countries