

Cambridge International Examinations

Cambridge Ordinary Level

GEOGRAPHY		2217/12
CENTRE NUMBER	CANDIDATE NUMBER	
CANDIDATE NAME		

Paper 1 October/November 2015

1 hour 45 minutes

Candidates answer on the Question Paper.

Additional Materials: Ruler

Calculator

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name in the spaces provided.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams or graphs.

Do not use staples, paper clips, glue or correction fluid.

DO **NOT** WRITE IN ANY BARCODES.

Write your answer to each question in the space provided.

If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.

Answer **three** questions, **one** from each section.

The Insert contains Photograph A for Question 2, Photograph B for Question 4, Photographs C, D and E for Question 5 and Figs 8A and 8B for Question 5, and Fig. 10 for Question 6.

The Insert is **not** required by the Examiner.

Sketch maps and diagrams should be drawn whenever they serve to illustrate an answer.

At the end of the examination, fasten all your work securely together.

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

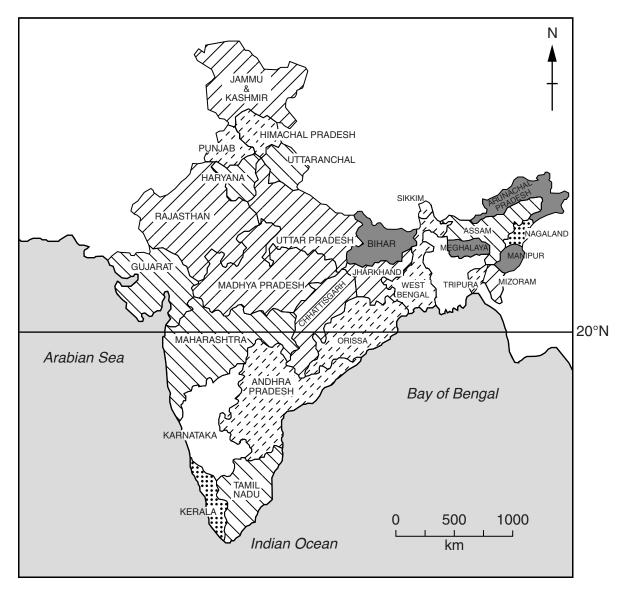


Section A

Answer one question from this section.

QUESTION 1

1 (a) Study Fig. 1, which shows information about population growth in India.



Kev

population growth rate (per 1000)

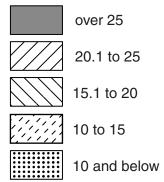


Fig. 1 2217/12/O/N/15

(i) Complete Fig. 1 by shading Karnataka using the key provided. Karnataka has a population growth rate of 15.6 per 1000.

[1]

(ii) The following data is for Orissa:

Birth rate	21 per 1000
Death rate	8.8 per 1000
Net migration	2 per 1000
Population growth rate	14.2 per 1000

	Explain now the population growth rate of 14.2 per 1000 for Orissa has been calculated.
/:::\	Light information from Eig. 1. describe the differences in population growth rates in India
(iii)	Using information from Fig. 1, describe the differences in population growth rates in India to the north and south of the 20°N line of latitude.
	rei
(iv)	Suggest reasons why some parts of India have positive net migration but others have
(IV)	negative net migration.
	[4]

(b) Study Fig. 2, which shows birth and death rates in India between 1951 and 2011.

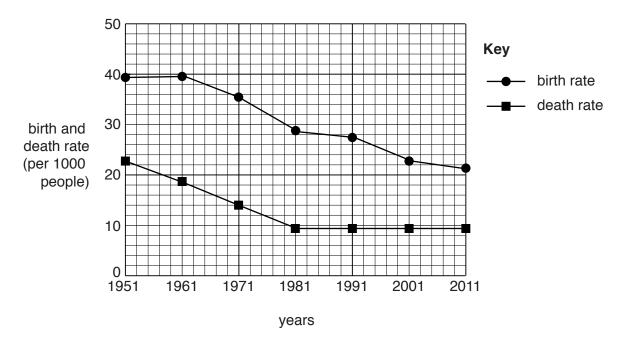


Fig. 2

(i)	Using the information in Fig. 2 only , compare the natural population growth of India between the periods 1951–61 and 2001–11.
	[3]
	[0]

	(ii)	Suggest reasons for the reduction in the death rate between 1951 and 2011.
		[5]
(c)		a named country you have studied, describe how the government has attempted to ence population growth.
	Nam	ne of country
	•••••	
		[7]

[Total: 25 marks]

QUESTION 2

2 (a) Study Fig. 3, which shows a sector of an urban area in an MEDC.

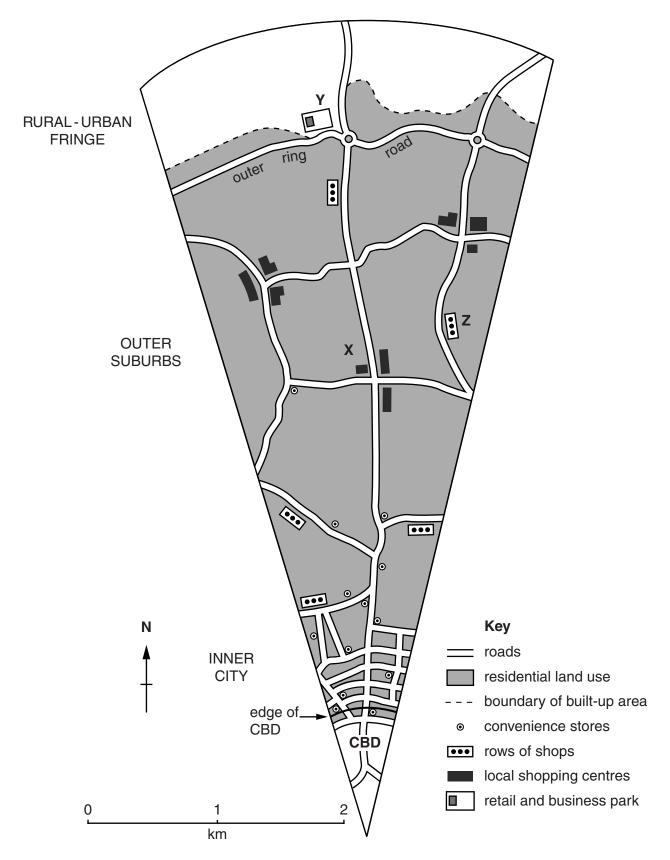


Fig. 3

(i)	What is meant by urban area?	
(ii)	Using Fig. 3 only , compare the service provision in the inner city and outer suburbs.	
()	g. · · g. · · · · , · · · · · · · · · · · · · ·	
(iii)	Suggest reasons why a local shopping centre developed at X.	
	[3	
(iv)	Describe the characteristics of retail and business parks such as the one at Y.	
	Γ	1¹

(b) Study Fig. 4, which shows the row of shops labelled ${\bf Z}$ on Fig. 3.

	LI	 VING 	 SPAC	E 	
BUTCHER	GENERAL STORE	CHEMIST	EMPT	Y SHOP	HAIR DRESSER

Fig. 4

(i)	Describe the characteristics of the row of shops and services shown in Fig. 4 using the following headings:
	order
	sphere of influence
	frequency of use[3
(ii)	Study Photograph A (Insert), which shows the empty shop in Fig. 4. The empty shop is for sale. Choose a likely use for it and explain your choice.
	[5
	[0

(c)	Describe the problems which occur in the CBD of an urban area you have studied. Explain why these problems occur.
	Name of urban area
	[7]
	[Total: 25 marks]

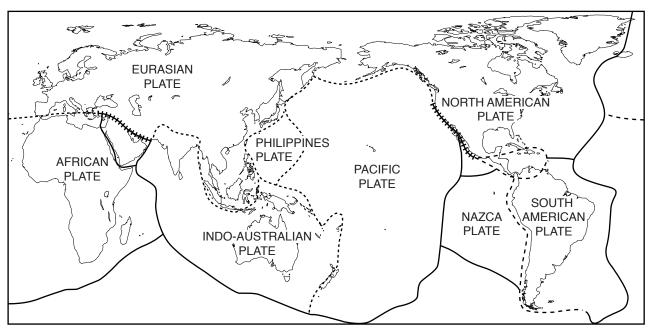
END OF QUESTION 2

Section B

Answer one question from this section.

QUESTION 3

3 (a) Study Fig. 5, which shows the Earth's tectonic plates.



KEY

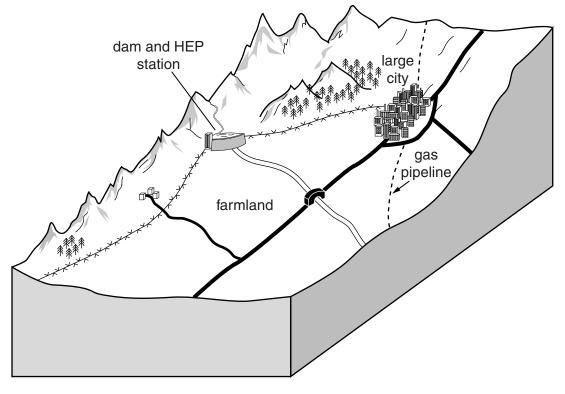
- constructive plate boundary
- ----- destructive plate boundary
- ******** conservative plate boundary

Fig. 5

(i)	What is meant by plate boundary?
	[1]
(ii)	Draw two arrows on Fig. 5 to show the direction of movement of any two plates at each side of a plate boundary. [2]
(iii)	Explain why volcanoes erupt at constructive plate boundaries.
	[3]

(iv)	Explain why volcanoes erupt at destructive plate boundaries.
	[4]

(b) Study Fig. 6, which shows an area just before it experienced a large earthquake.



key electricity pylons and cables main road minor road road bridge route of gas pipeline settlement forest river

Fig. 6

(i)	Describe three likely effects of an earthquake on the area shown in Fig. 6.
	1
	2
	3
	[3]
(ii)	Explain why the number of deaths and injuries caused by earthquakes is greater in LEDCs than MEDCs.
	[5]

Explain the causes of an earthquake in a named area you have studied.
Name of area
[7]

[Total: 25 marks]

END OF QUESTION 3

QUESTION 4

4 (a) Study Figs 7A and 7B.

Fig. 7A shows the distribution of tropical rainforests in South America. Fig. 7B shows information about the climate of Georgetown (Guyana).



Fig. 7A

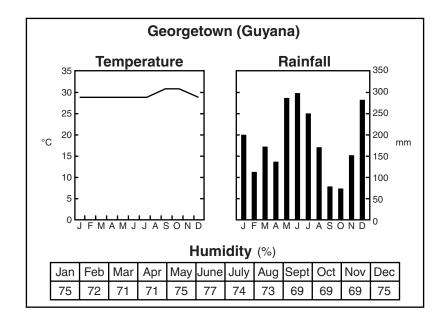


Fig. 7B 2217/12/O/N/15

© UCLES 2015

(i)	Using Fig. 7A, identify the country in South America which has no tropical rainforest in the list below.					
	Circle your a	nswer.				
	Brazil	Colombia	Ecuador	Paraguay	Suriname	[1]
(ii)					referring to lines of latit	
(iii)		3 only , describe				[∠]

(iv)	Give reasons for the tropical rainforest climate at Georgetown.
(b) Sto	udy Photograph B (Insert), which shows an area of forest in Cameroon in West Africa.
(i)	Describe three features of the forest shown in Photograph B.
	1
	2
	3[3]
(ii)	
	rea

(c)

Name an area of tropical rainforest you have studied and explain why deforestation is taking place there.
Name of area
[7]

[Total: 25 marks]

END OF QUESTION 4

Section C

Answer **one** question from this section.

QUESTION 5

(a)	Siu	dy Photographs C, L	and E (insert), wr	iich snow thre	e dillerent types of larr	ning.
	(i)		ollowing words coul cle your two choice		lescribe the type of farmules.	ming shown in
		Pastoral	Subsistence	Arable	Commercial	[1]
	(ii)	Photographs C, D intensive farming.	and E all show in	ntensive farmi	ing. Describe two cha	racteristics of
		1				
		2				
						[2]
	(iii)	Choose one of Pho in the farming syste	•	. Suggest thre	ee processes which wil	l be important
		Photograph chose	າ			
		1				
		2				
		3				
						[3]
(b)		dy Figs 8A and 8B (Europe.	Insert), which show	information a	bout Bosnia-Herzegov	rina, a country
	(i)	Using Fig. 8A, des Herzegovina.	scribe the locations	of mixed far	ming, pasture and cro	ps in Bosnia-
		mixed farming				
		crops				

.....[3]

(ii)	Using information in Figs 8A and 8B only , suggest reasons for the variation in land use in Bosnia–Herzegovina.
	[4]
(iii)	Explain how political factors may influence agricultural land use.
	[5]

(c)	For a named area you have studied, explain why natural factors cause food shortages.
	Name of area
	[7]

[Total: 25 marks]

END OF QUESTION 5

QUESTION 6

6 (a) Study Fig. 9, which shows information about the causes of atmospheric pollution.

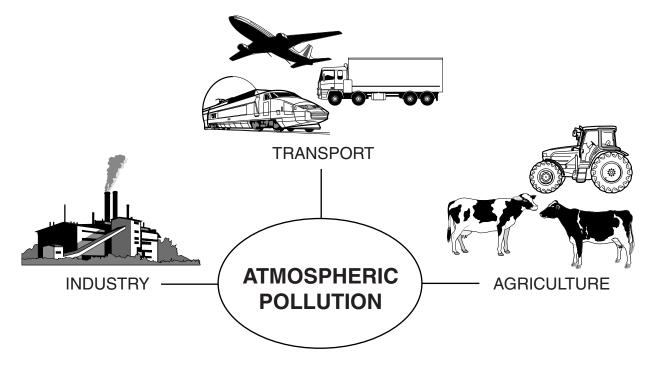


Fig. 9

(1)	what is meant by atmospheric politition?	
		[1]
(ii)	Describe two ways in which agriculture can cause atmospheric pollution.	
	1	
	2	
		[2]
(iii)	Explain how atmospheric pollution can cause an increase in global temperatures.	
		[3]

(i	v)	Explain why many people are concerned about increases in global temperatures.
		[4]
		dy Fig. 10 (Insert), which shows information about the Cheleken peninsula in Turkmenistan, buntry in Asia.
((i)	Using Fig. 10, identify three different sources of water pollution.
		1
		2
		3[3]
(ii)	Suggest reasons why it is important to reduce levels of water pollution in the area shown in Fig. 10.
		[5]

(c)	For a named area you have studied, describe attempts to maintain, conserve or improve the natural environment.
	Name of area
	[7]

[Total: 25 marks]

END OF QUESTION 6

Additional Pages

If you use the following number(s) must be clear	complete the	answer(s) to a	any question(s),	the question
	 			•••••
	 			•••••
	 •••••			
	 •••••			
	 •••••			
		•••••		

BLANK PAGE

27

BLANK PAGE

BLANK PAGE

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge International Examinations Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cie.org.uk after the live examination series.

Cambridge International Examinations is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.