



Sixth Form Entrance 2018

GEOGRAPHY

1 hour

(60 marks)

Answer all questions.

Glossary

LIC: Low Income Country

MIC: Middle Income Country

HIC: High Income Country

Name (Capital Letters):

Present School:

1. This question is about **Water**.

Study Figure 1a, which shows the use of water in two HICs, two MICs and two LICs.

Country	Domestic use of water per person (litres per day)	Industrial use of water (litres per person per day)	Level of economic development
USA	575	7790	HIC
France	287	4890	
Brazil	187	5550	MIC
India	135	2980	
Cambodia	15	2950	LIC
Mozambique	4	3070	

Figure 1a

a) At what level of economic development is 'Domestic use of water per person' the highest?

_____ (1)

b) Give **three** reasons why the global use of water is rising.

_____ (4)

3. This question is about **Hazardous Environments**.

Study Figure 3a, which gives information about two earthquakes that affected the city of Christchurch, New Zealand.

Date	Time of earthquake event	Magnitude	Depth of focus (km)	Distance of city from epicentre (km)	Short-term impacts
4 September 2010	04.35 am	7.1	10	40	<ul style="list-style-type: none">• 0 deaths.• Buildings weakened; some old, smaller ones collapsed.• No water and electricity for 2–3 days.
22 February 2011	12.51 pm	6.3	5	10	<ul style="list-style-type: none">• 185 deaths.• Much of the city centre destroyed.• No water and electricity for 7 days.• Many suburban residents evacuated.

Figure 3a

a) Which was the weaker earthquake?

_____ (1)

b) Which earthquake had the fewest deaths?

_____ (1)

c) Explain why the time of day that an earthquake strikes is so significant.

_____ (4)

d) How can we try to minimise the impact of earthquakes?

(4)

4. This question is about **Economic Activity**.

Study Figure 4a, which shows the production and sale of cars and vans in three regions in 2001 and 2011.

Region	2001		2011	
	Production (in thousands)	Sales (in thousands)	Production (in thousands)	Sales (in thousands)
Asia-Pacific	16 800	12 410	32 350	25 320
Western Europe	16 800	16 650	16 360	16 940
Middle East/Africa	770	840	2050	3370

Figure 4a

a) Which region's car and van industry has shown little change between 2001 and 2011?

(1)

b) Which economic sector does car and van **production** belong to? Primary, Secondary, or Tertiary?

(1)

5. This question is about **Rural Environments**.

Study Figure 5a, which shows a rural area in the UK.

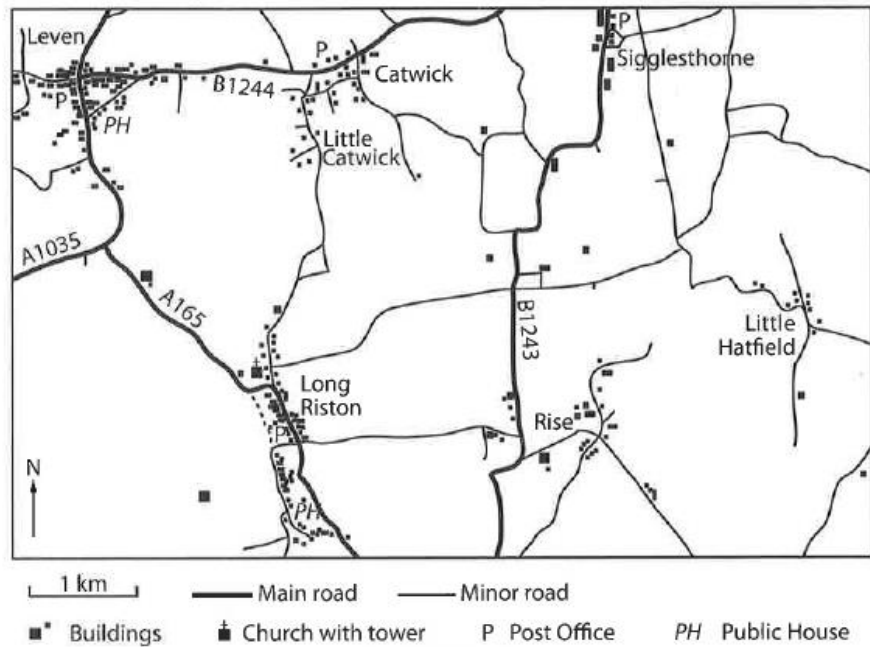


Figure 5a

a) Use information from Figure 5a to complete Figure 5b below. (2)

		Village			
		Long Riston	Leven	Catwick	Little Hatfield
Service	Population size	470	360	200	80
	Church		0	0	0
	Post Office	1		1	0
	Public House	1	1	0	0

Figure 5b

b) State the relationship between population size and the number of services in a village.

_____ (1)

c) Why are rural settlements attractive to live in?

(3)

d) What problems do some rural settlements experience?

(4)

Turn to the next page

6. This question is about **Urban Environments**.

Study Figure 6a, which shows the percentages of the world's population living in urban and rural areas of HICs (High Income Countries) and LICs (Low Income Countries) in 1960 and 2010.

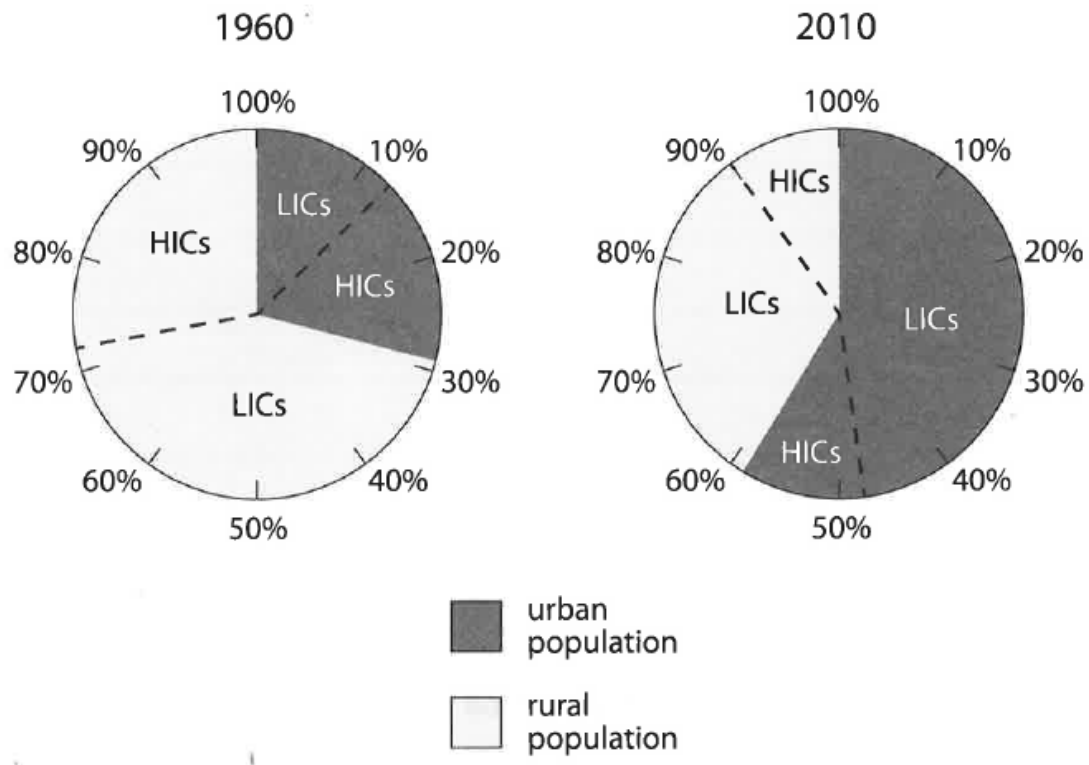


Figure 6a

a) What percentage of the world's population lived in urban areas in 2010?
 _____ (1)

b) Explain some of the reasons why many people in LICs want to live in urban areas.

 _____ (4)

