SPECIMEN MATERIAL

Please write clearly, in block capitals, to allow character computer recognition.

Centre number ☐☐☐☐☐ Candidate number ☐☐☐☐

Surname

Forename(s)

Candidate signature

A-level
GEOGRAPHY

Paper 2 Human geography

Specimen Question Paper

Time allowed: 2 hours 30 minutes

Materials

For this paper you must have:

- a pencil
- a rubber
- a ruler.

You may use a calculator.

Instructions

- Answer **all** questions in Section A **and** Section B.
- Answer **either** Question 3 **or** Question 4 **or** Question 5 in Section C.

Information

- The total number of marks available for this paper is 120.

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Section A

Global systems and global governance

Answer **all** questions.

0 1 . 1 Explain how **one** transnational corporation (TNC) has contributed to the globalisation of the world's economy.

[4 marks]

Question 1 continues on the next page

Figures 1, 2 and 3 show climatic statistics for three places in Antarctica.

Figure 1

Temperatures (degrees Celsius)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean Annual temperature
1	–32	–44	–58	–65	–66	–65	–67	–68	–66	–57	–43	–42	-56
2	–28	–41	–54	–57	–57	–58	–60	–60	–60	–51	–38	–28	-49
3	0	–6	–14	–17	–19	–19	–22	–23	–21	–16	–7	–1	-14

1 = Vostok (78 degrees S - near to the 'Pole of Inaccessibility' - the point on Antarctica that is furthest from the sea in any direction). Height 3448 metres

2 = Amundsen-Scott (90 degrees S - the base at the South Pole). Height 2880 metres

3 = McMurdo (79 degrees S - on the coast of the Ross Sea). Height 24 metres

Figure 2

Precipitation (mm water equivalent)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	0.1	0	0.7	0.5	0.4	0.5	0.6	0.7	0.3	0.2	0.1	0	4.1
2	0.2	0.3	0	0	0.1	0	0	0	0.1	0	0	0.1	0.8
3	15	21.2	24.1	18.4	23.7	24.9	15.6	11.3	11.8	9.7	9.5	15.7	200.9

Figure 3

Average length of day (hours)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2	24	24	17.8	0	0	0	0	0	17.2	24	24	24

0 1 . 2 Using **Figures 1, 2**, and **3**, analyse characteristics of the climate of Antarctica

[6 marks]

Question 1 continues on the next page

0 1 . 3 Using **Figure 4** and your own knowledge, assess the extent to which the flows of electronic waste shown on the map are similar to the other flows, of capital, raw materials and products linked with globalisation.

[6 marks]

Figure 4

Movement of electronic waste for recycling and/or disposal.

Figure 4 not reproduced here due to third-party copyright restrictions. Figure 4 can be viewed at: https://www.researchgate.net/figure/Some-known-and-suspected-sources-routes-and-destinations-of-e-waste-transit-modified_fig1_337306451

Question 1 continues on the next page

0 1 . 4 ‘In a globalising world the use of the global common of Antarctica can never be sustainable.’

How far do you agree with this view?

[20 marks]

END OF SECTION A

Section B

Changing places

Answer **all** questions.

0 2 . 1 In the context of place, explain the meaning of ‘endogenous factors’ and ‘exogenous factors’.

[4 marks]

Question 2 continues on the next page

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ANSWER IN THE SPACES PROVIDED

Figure 5a was painted in 1935. It shows the High Level Bridge across the River Tyne, and some housing and industry in Gateshead.

Figure 5b is a photograph of the same place taken in April 2015.

Figure 5a

Figure 4 not reproduced here due to third-party copyright restrictions.

Figure 5b

Figure 4 not reproduced here due to third-party copyright restrictions.

0 2 . 2 Evaluate the usefulness of **Figure 5a** and **Figure 5b** in showing the nature and extent of **either** economic change **or** demographical and cultural change in this area.

[6 marks]

Question 2 continues on the next page

Figure 6 shows data obtained from students from an estate agent indicating how average house prices in the local town had changed over the previous 30-year period.

Figure 6

House price £	1986	1991	1996	2001	2006	2011	2016
1 bedroomed flat or house	27	45	41	86	105	103	114
2 bedroomed house	32	51	49	95	146	141	158
3 or 4 bedroomed house	43	68	67	157	238	227	247
2 or 3 bedroomed bungalow	39	61	59	140	205	195	209

*All figures in thousands

0 2 . 3 Assess the usefulness of house price data such as that shown in **Figure 6** in helping to understand the nature of a local place, comparing it with other quantitative sources that you used in studying place.

[6 marks]

0 2 . 4 'Conflict often arises when people who live in a place try to resist changes that appear to have been forced upon them by organisations, groups and individuals from outside that place.'

To what extent does this statement apply to **one or more** places that you have studied?

[20 marks]

Question 2 continues on the next page

END OF SECTION B

Section C

Answer **one** question.

Answer **either** Question 3 **or** Question 4 **or** Question 5.

Question 3 Contemporary urban environments

0 3 . 1 Outline characteristics of an area undergoing urban resurgence.

[4 marks]

Question 3 continues on the next page

0 3 . 2 Analyse changes in the world pattern of urbanisation shown in **Figure 7** and **Figure 8**.

[6 marks]

Figure 7 - 1990–2015

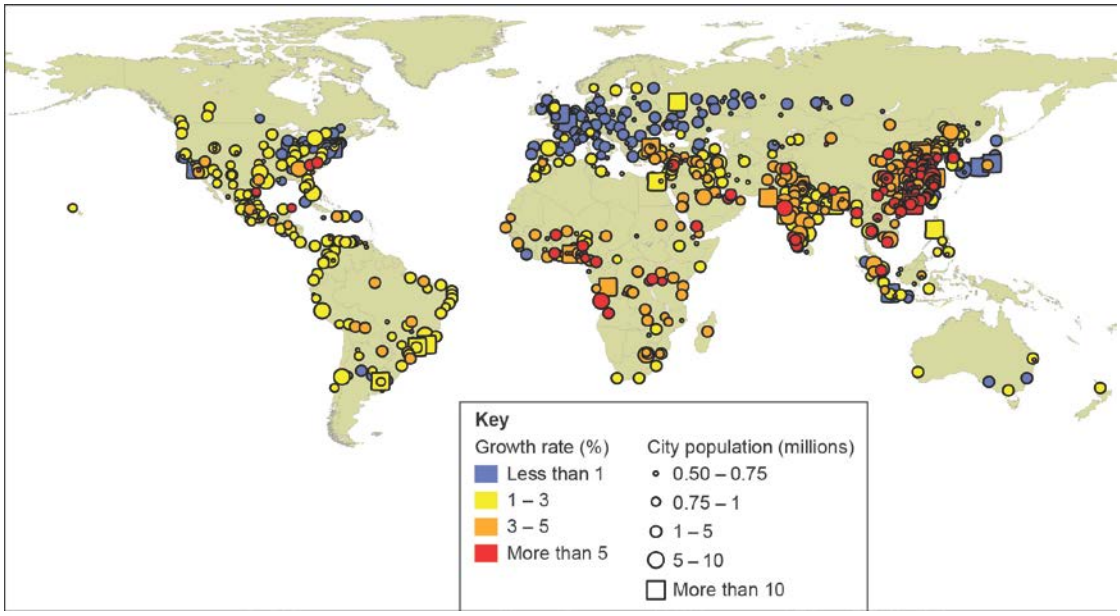
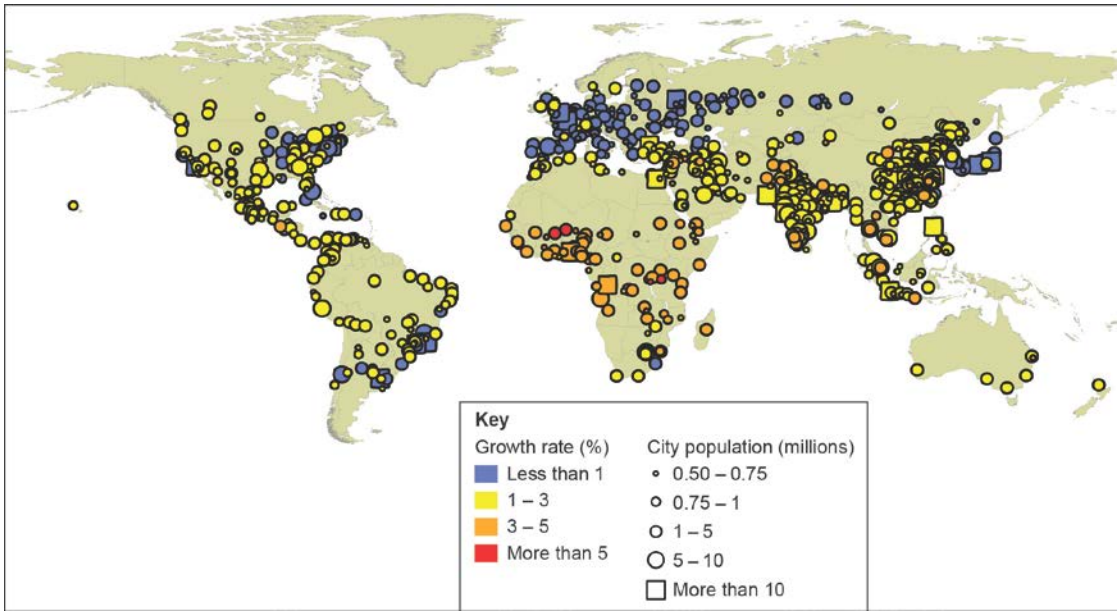


Figure 8 - 2015–2030



Question 3 continues on the next page

0 3 . 3 **Figure 9** shows information about Babcock Ranch, a proposed sustainable city in Florida, USA.

Figure 9

Figure 9 not reproduced here due to third-party copyright restrictions.
Figure can be viewed at: https://babcockranch.com/

Factfile:

- Babcock Ranch will be the first city in the world powered by solar energy.
- Electric vehicles will plug in to recharge at convenient recharging stations all over the community.
- Smart Home technology will let residents use equipment in their homes at maximum efficiency.
- The city will be connected by an extensive system of greenways and cycle paths.
- Homes, parks, offices and shops will all be within walking distance. 7000 hectares of land in the new city will be reserved for natural parks and lakes.

Question 3 continues on the next page

0 3 . 3 To what extent do the plans for Babcock Ranch shown in Figure 9 illustrate the dimensions of sustainability?

[9 marks]

0 3 . 4 Assess the extent to which counter-urbanisation leads to social and economic change.

[9 marks]

0 3 . 5 ‘Addressing socio-economic issues is more important than dealing with environmental challenges in the management of urban areas.’

How far do you agree with this view?

[20 marks]

Turn over for the next question

Question 4 Population and the environment

0 4 . 1 Outline reasons why salinisation of soil occurs.

[4 marks]

Question 4 continues on the next page

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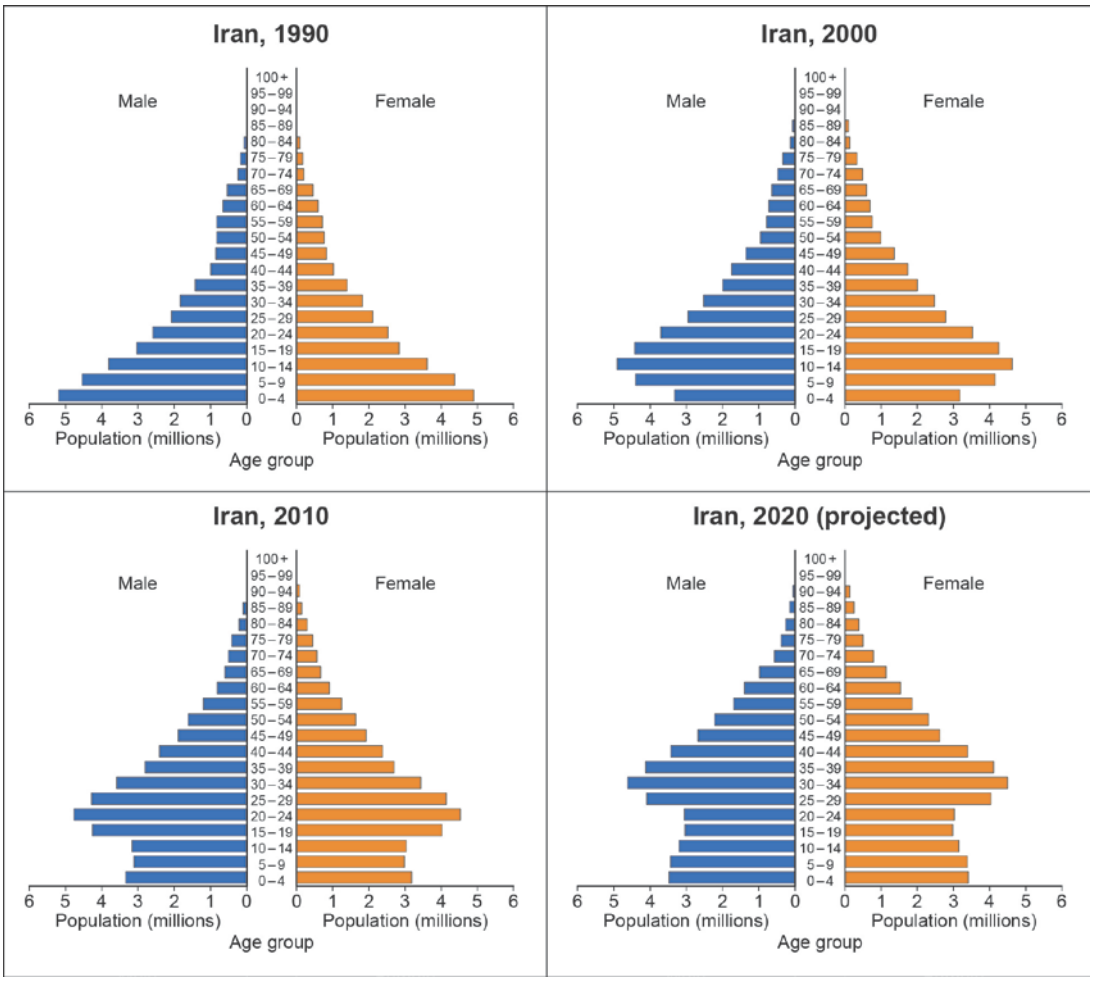
0 4 . 2 **Figure 10** shows the changing population structure of Iran.

Figure 10



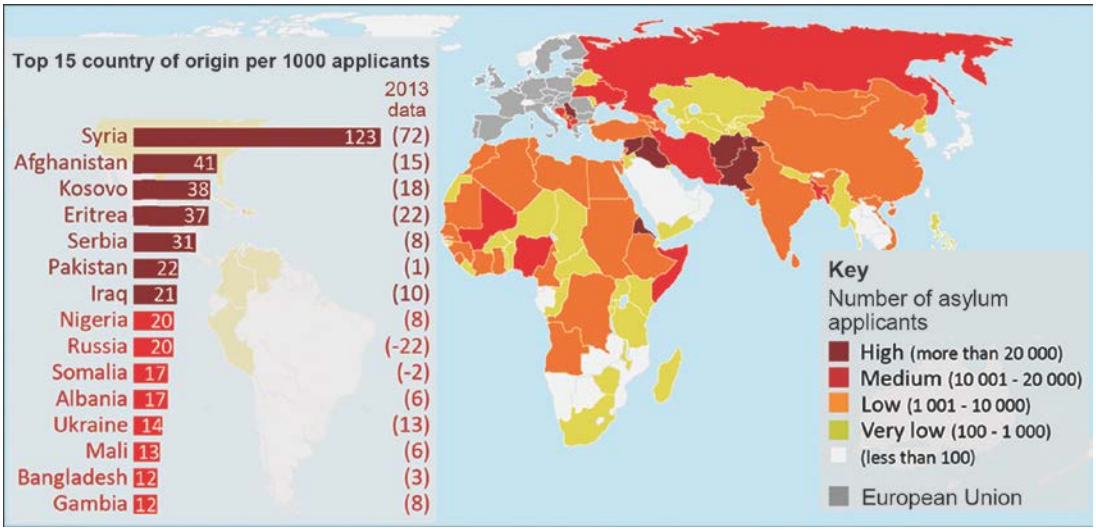
Analyse the trends illustrated by the population pyramids for Iran shown in **Figure 10**.

[6 marks]

Question 4 continues on the next page

0 4 . 3 **Figure 11** is a map showing countries of origin of asylum seekers in the European Union in 2014.

Figure 11



Assess the factors that might account for the spatial variation shown in **Figure 11**.

[9 marks]

0 4 . 4 Assess the importance of improvements in health and food security in explaining changes in fertility rates. **[9 marks]**

0 4 . 5 ‘Current strategies for controlling the spread of infectious disease are generally effective but will have to change in future as a consequence of environmental change.’

How far do you agree with this statement?

[20 marks]

Question 5 Resource security

0 5 . 1 Explain the concept of resource peak.

[4 marks]

0 5 . 2 **Figures 12a** and **12b** are maps showing GNI per capita and Energy consumption per capita.

Figure 12a

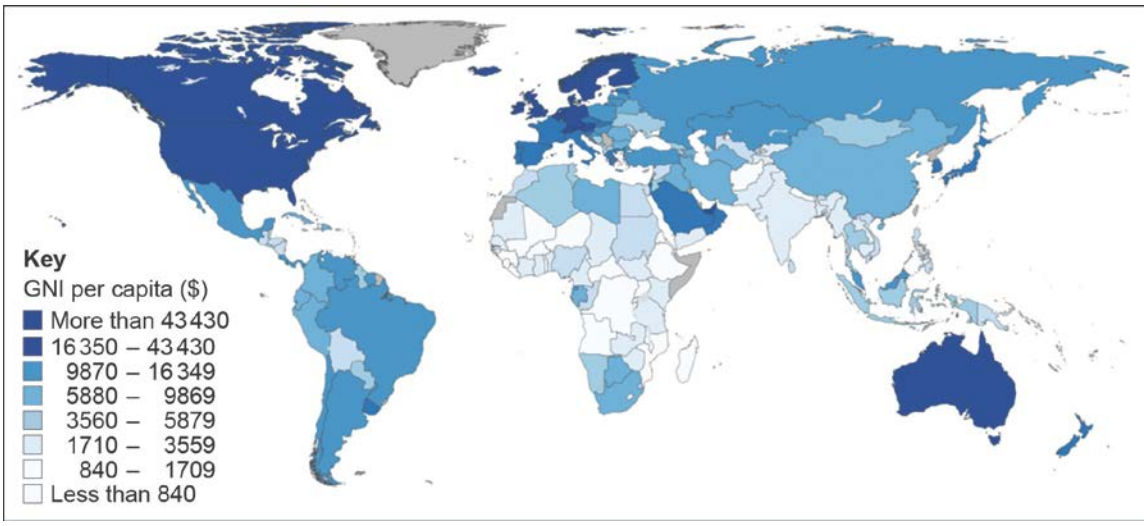


Figure 12b

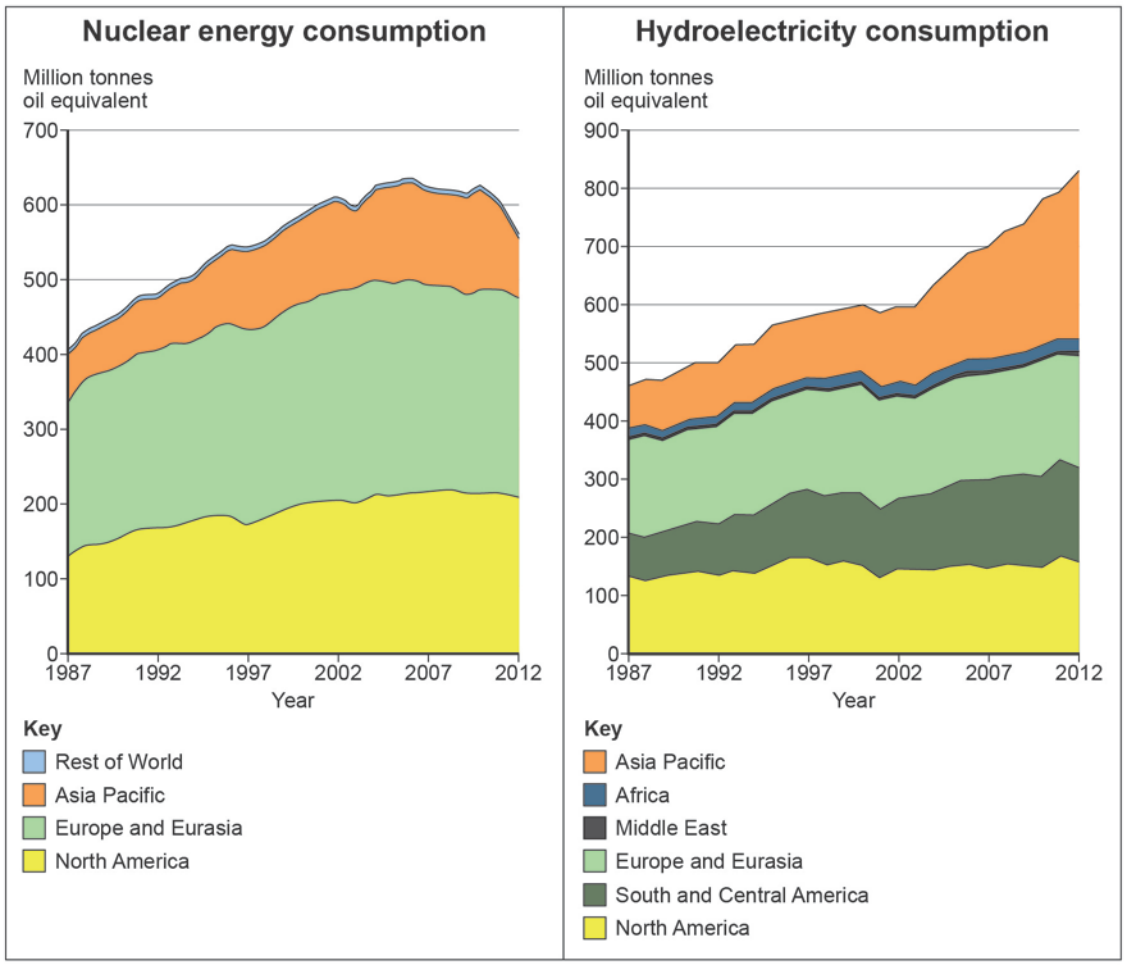
Using **Figure 12a** and **Figure 12b**, analyse the relationship between GNI per capita and Energy consumption per capita.

[6 marks]

Question 5 continues on the next page

0 5 . 3 **Figure 13** shows trends in nuclear power and hydroelectricity consumption from 1987-2012.

Figure 13



With reference to **Figure 13** and your own knowledge, assess the success of strategies to increase energy supply through developing nuclear power and renewable energy.

[9 marks]

Question 5 continues on the next page

0 5 . 4 Assess the extent to which conflict over water supplies is inevitable, given the increasing gap between water supply and demand.

[9 marks]

0 5 . 5 ‘Physical factors are more important than human factors in determining strategies for managing water supply, but this may change in the future.’

To what extent do you agree with this view?

[20 marks]

END OF QUESTIONS

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Figure 11: Asylum applicants in EU28: Countries of arrival (2014) © European Parliament.
Figure 12a: © GNP per capita, World Bank (2017). Licensed under CC BY 4.0 https://creativecommons.org/licenses/by/4.0/
Figure 13: © Development Tendency of Energy: A Short Review, WASET (2013). Licensed under CC BY 4.0 https://creativecommons.org/licenses/by/4.0/

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