

INNOVA JUNIOR COLLEGE
JC 2 PRELIMINARY EXAMINATION 2
 in preparation for General Certificate of Education Advanced Level
Higher 2

GEOGRAPHY

9730/02

Paper 2 Human Geography

12 Sep 2012

3 hours

Additional Materials: Writing Paper
 1 Insert
 World Outline Map (Upon Request)

READ THESE INSTRUCTIONS FIRST

Write your name and class on all the work you hand in.
 Write in dark blue or black pen on both sides of the paper.
 You may use a soft pencil for any diagrams, graphs or rough working.
 Do not use staples, paper clips, highlighters, glue or correction fluid.

Section A

Answer **all** questions.

Section B

Answer **two** questions, each from a different topic.

The Insert contains all the Figures and Table referred to in the questions.
 Diagrams and sketch maps should be drawn whenever they serve to illustrate an answer.
 The world outline map may be annotated and handed in with relevant answers.
 You are reminded of the need for good English and clear presentation in your answers.

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.

This document consists of **5** printed pages and **1** blank page.



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Section A

Answer **all** the questions in this section.
Question 1, 2 and 4 carry 12 marks and Question 3 carries 14 marks.
You should allocate your time accordingly.

The Globalisation of Economic Activity

1 Fig. 1A shows the distribution of Special Economic Zones (SEZs) in India. Fig. 1B shows the distribution of air and seaports in India.

- (a) What are SEZs? [2]
- (b) With reference to Figs. 1A and 1B, describe and account for the distribution of SEZs in India. [6]
- (c) The Economic Times has described India as the 'world's best back office'. To what extent can this image of India be sustained? [4]

Population Issues and Challenges

2 Table 1 shows the population structure of two countries.

- (a) Define the term *dependency ratio*. [2]
- (b) Compare the population structures of the two countries in Table 1. [3]
- (c) Suggest reasons why the dependency ratio shown in Table 1 may be misleading in its implications for an LDC. [7]

Urban Issues and Challenges

3 Fig. 2 gives an example of Microsoft's mobile application technology. The mobile application provides pedestrians directions in order to avoid high-crime areas in the USA.

- (a) Define the term *ghetto*. [2]
- (b) Suggest reasons for the need of such an application. [3]
- (c) What implications might this application have for this region in the USA? [4]
- (d) How would you delimit the CBD of Singapore? [5]

The Globalisation of Economic Activity / Population Issues and Challenges

4 Fig. 3 shows relationships between manufacturing (secondary) industry in the USA, a DC, and China, an NIE.

- (a) Explain what is meant by the term 'the globalisation of economic activity'. [2]
- (b) How useful is Fig. 3 in understanding the globalisation of economic activity? [6]
- (c) An important trend in China's labour market over the past few decades has been the rapid growth in the number of rural migrants working in urban areas. Outline the possible impact of rural-urban migration on the rural areas themselves. [4]

Section B

Answer **two** questions, each from a different topic. All questions carry 25 marks.

The Globalisation of Economic Activity**5 EITHER**

- (a) With reference to one TNC, describe and account for its spatial organisation and structure. [9]
- (b) Discuss the impact of the emergence of the new international division of labour (NIDL) on global economic activities. [16]

5 OR

- (a) Using examples, outline the command and control relationship between TNCs and the host economy. [9]
- (b) 'Governments play a more influential role than international organisations in the economic development of a country'. To what extent do you agree with this statement? [16]

Population Issues and Challenges**6 EITHER**

- (a) Explain why the concept of ecological footprint may be regarded as one of the best measures of sustainability. [9]
- (b) 'Economic growth is key to reducing fertility rates in LDCs'. To what extent do you agree with this view? [16]

6 OR

- (a) Describe and account for resource use variations between DCs and LDCs. [9]
- (b) Assess the social and economic consequences for the families and for the state when most couples have only one or two children. [16]

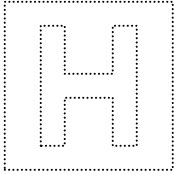
Urban Issues and Challenges**7 EITHER**

- (a) Describe and account for the variations in urbanisation rates in the world. [9]
- (b) To what extent do you agree that the improvement of public transport is crucial to solving transport problems in urban areas? [16]

7 OR

- (a) Using examples, describe the operation of centrifugal and centripetal forces in the central city and explain why these forces occur. [9]
- (b) Using examples, discuss the extent to which regeneration and re-imaging of cities counteract the decline of urban areas in DCs. [16]

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Figs 1A and 1B for Question 1

Fig. 1A Distribution of SEZs in India



Fig. 1B Distribution of air and seaports in India



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Table 1 for Question 2**The population structure of two countries**

| | Ethiopia (LDC) | Hungary (DC) |
|------------|----------------|--------------|
| % under 15 | 46.1 | 19.7 |
| % 16 - 64 | 48.3 | 48.3 |
| % over 65 | 5.6 | 32.0 |

Figure 2 for Question 3

An example of Microsoft's mobile application technology

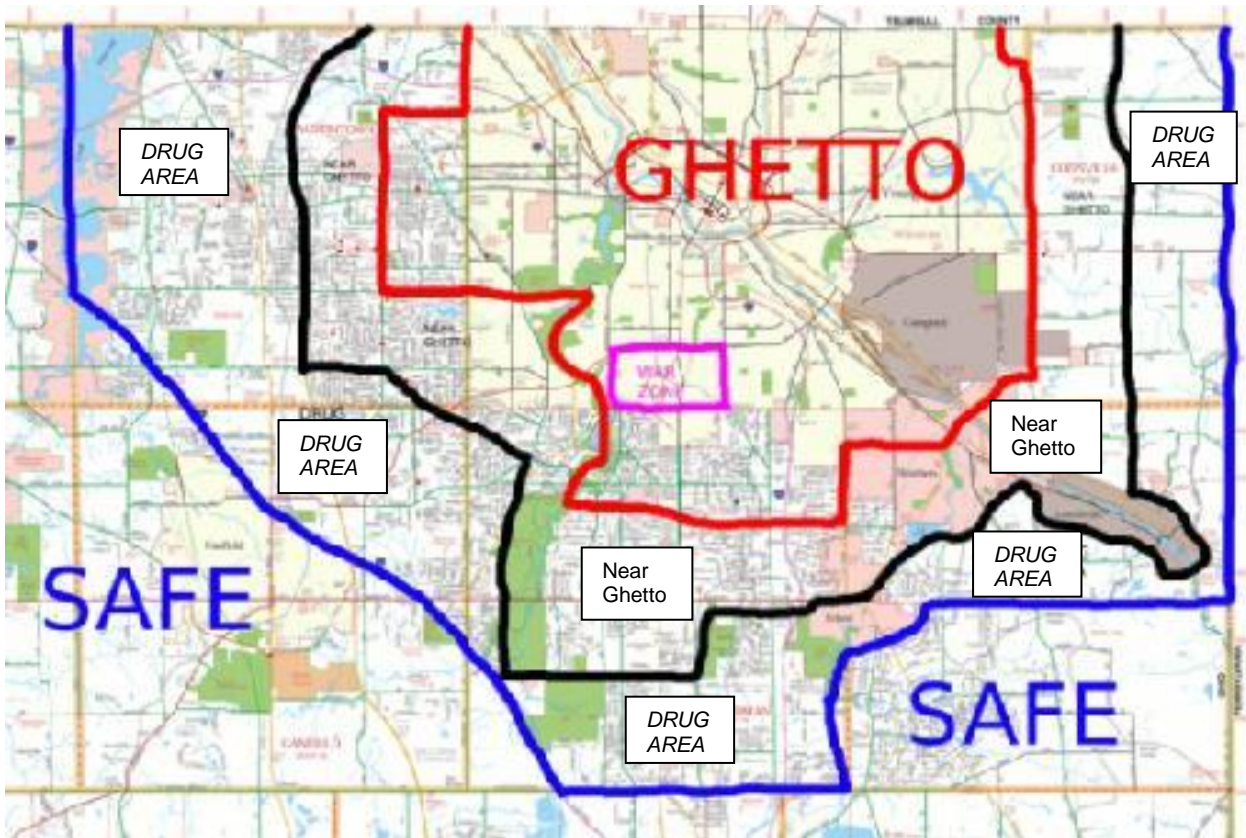


Fig 3 for Question 4

Manufacturing industry: relationships between the USA and China