



SERANGOON JUNIOR COLLEGE
JC2 PRELIMINARY EXAMINATIONS 2015
Higher 2

GEOGRAPHY

9730/02

Paper 2 Human Geography

Tuesday
25 Aug 2015
3 hours

Additional materials: Writing Paper
1 Insert

READ THESE INSTRUCTIONS FIRST

Write your name and civics group 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, highlighter, 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 referred to in the question paper.
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.

Section A

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

The Globalisation of Economic Activity

- 1 Fig. 1A shows the factors accounting for changes in the Gini coefficients in both developing countries and advanced economies from 1981 to 2003. Fig. 1B features the break-down of globalisation's effects on inequality in advanced economies in the same time period. The Gini coefficient is a measure of income inequality in a country. A Gini index of 0 represents perfect equality, while an index of 100 implies perfect inequality.
- (a) Compare and contrast the factors contributing to changes in the Gini coefficients in developing countries and advanced economies in Fig. 1A. [3]
 - (b) Using information from Fig. 1B and your own knowledge, explain how globalisation can exacerbate income inequality in advanced economies. [5]
 - (c) Discuss how you would map global variations in economic wealth. [4]

Population Issues and Challenges

- 2 Fig. 2 shows the ratio of female to male migrants by age group for the world and for developed and developing regions, 2013.
- (a) With reference to Fig. 2, identify the age range(s) where there is an equal proportion of female to male migrants in : [2]
 - (i) developed regions
 - (ii) developing regions.
 - (b) Compare the ratio of female to male migrants across the age groups, between developed and developing countries, as reflected in Fig. 2. [4]
 - (c) With reference to examples, explain **three** factors driving the feminisation of migration. [6]

Urban Issues and Challenges

- 3** Fig. 3A shows an artist impression of Taoyuan Aerotropolis, the proposed urban planning development at Taiwan Taoyuan International Airport in Taoyuan City (Taiwan). Taoyuan International Airport serves Taipei, the capital city of Taiwan.
- (a)** With reference to both Figs, identify the key characteristics that define an “aerotropolis”. **[2]**
 - (b)** Citing evidence from both Figs and your own knowledge, explain how Taoyuan Aerotropolis will enhance Taipei’s global city status. **[5]**
 - (c)** Using relevant examples, suggest how transportation and communication infrastructure can influence urban structure. **[5]**

Population and Urban Issues and Challenges, Globalisation of Economic activity

- 4** Figs 4A, 4B and 4C highlights the proposed features of Tianjin Eco-city, China. This eco-city is the result of a collaborative agreement between the governments of China and Singapore to build a model city of sustainable development.
- (a)** Define *sustainable development*. **[1]**
 - (b)** With reference to Figs 4A and 4B, discuss how Tianjin Eco-city reflects sustainable development. **[4]**
 - (c)** Using Fig. 4B, suggest the possible social benefits for future residents of Tianjin eco-city. **[4]**
 - (d)** Imagine that you are a consultant, hired by a Singaporean-based energy company, to assess the feasibility of investing in Tianjin Eco-city. **[5]**

Suggest whether you would recommend Tianjin Eco-city as a site for investment. Cite evidence from Figs 4A, 4B and 4C to justify your decision.

Section B

Answer **two** questions, each from a different topic. Each question carries 25 marks.

The Globalisation of Economic Activity

5 EITHER

- (a) With reference to an area or areas you have studied, distinguish between the terms *quaternary* and *quinary* sectors of economic activity and explain their growth. [9]
- (b) "Many TNCs and smaller firms have adopted a policy of outsourcing their production and services in the last ten years." Why has this policy been adopted and with what consequences? [16]

5 OR

- (a) Distinguish between the terms *de-skilling*, *re-skilling* and *multi-skilling* and explain why such changes have become important in the global labour market. [9]
- (b) Discuss the role of supranational bodies in ensuring the competitiveness of countries in a globalising world. [16]

Population Issues and Challenges

6 EITHER

- (a) Discuss the value and limitations of population pyramids in predicting population change. [9]
- (b) "A young population offers a lot of potential for the development of a country." Assess the validity of the statement. [16]

6 OR

- (a) With the help of examples, define the terms epidemic and pandemic and explain briefly their effects on mortality in LDCs and DCs. [9]
- (b) Assess the evidence for, and the usefulness of, the addition of a 5th stage to the demographic transition model. [16]

Urban Issues and Challenges**7 EITHER**

- (a) Explain the differences between the following pairs of terms : *social segregation* and *economic deprivation*, *formal* and *informal employment*. [9]
- (b) "The social problems experienced by people living in urban areas are greater in LDCs than DCs." How far do you agree with this statement? [16]

7 OR

- (a) With the use of examples, describe the nature and location of the functions that can be found in the central city (including the CBD). [9]
- (b) Discuss the extent to which centrifugal forces have been agents of change in the central city. [16]

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This insert contains all the Figures referred to in the question paper.

Figs 1A and 1B for Question 1

Fig. 1A Factors accounting for changes in Gini coefficient, 1981 -2003

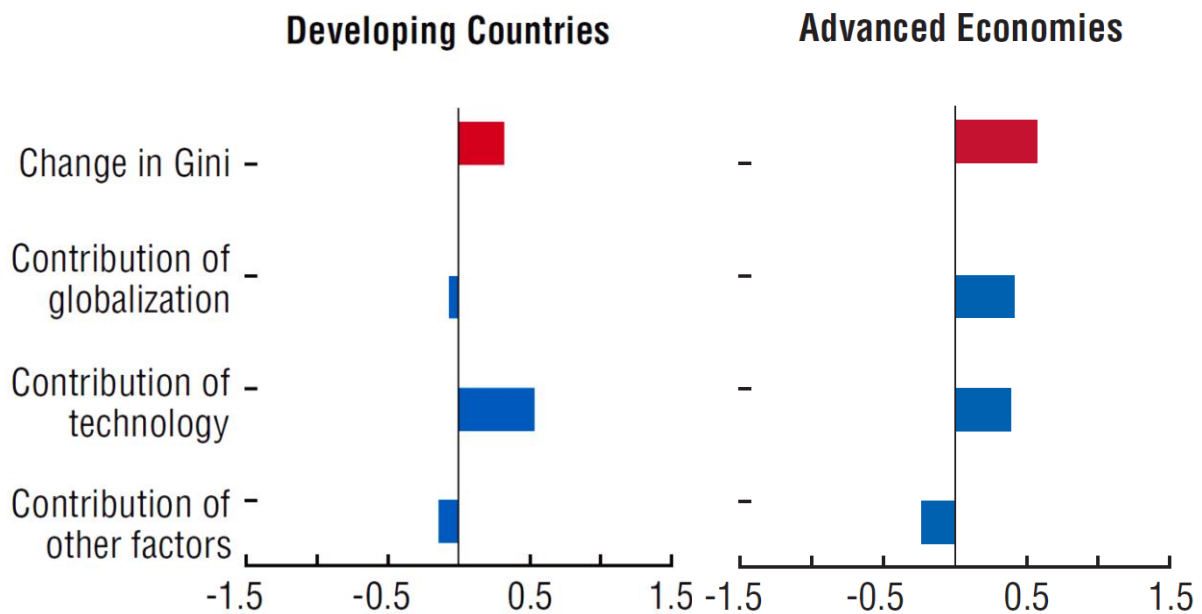
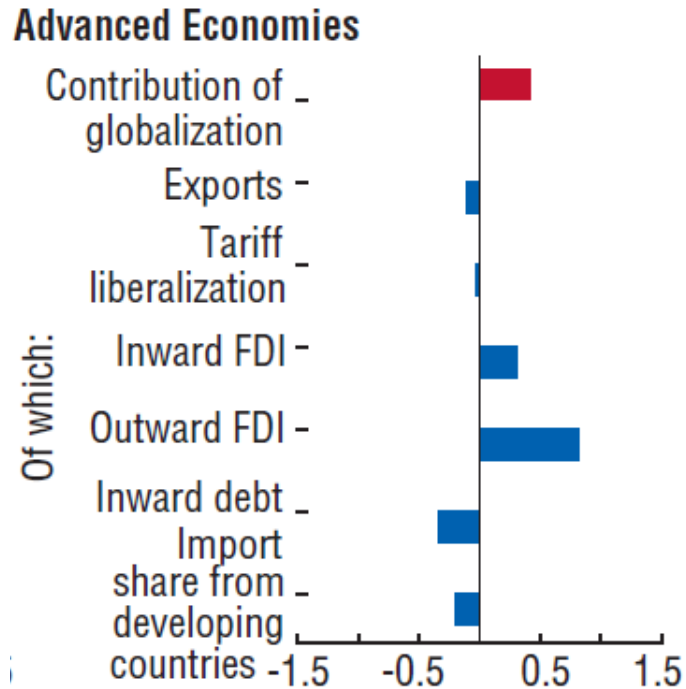


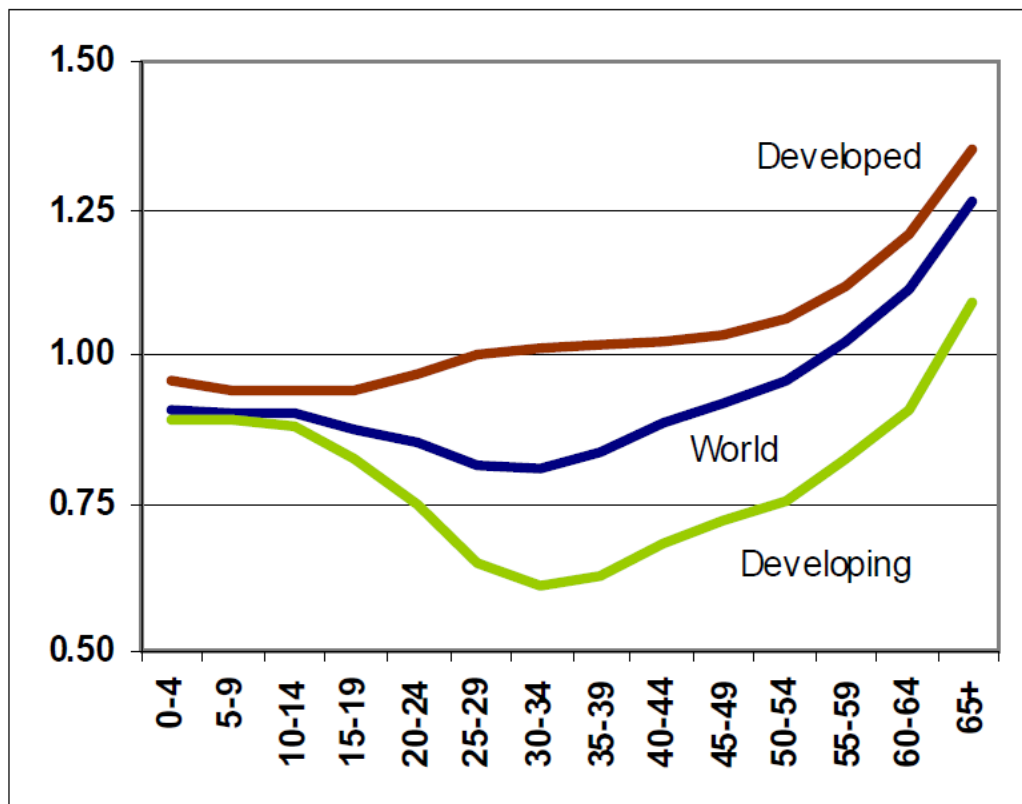
Fig. 1B Decomposition of Globalisation's effects on inequality in advanced economies, 1981 -2003



Source : <https://www.imf.org/external/pubs/ft/weo/2007/02/pdf/c4.pdf>

Fig. 2 for Question 2

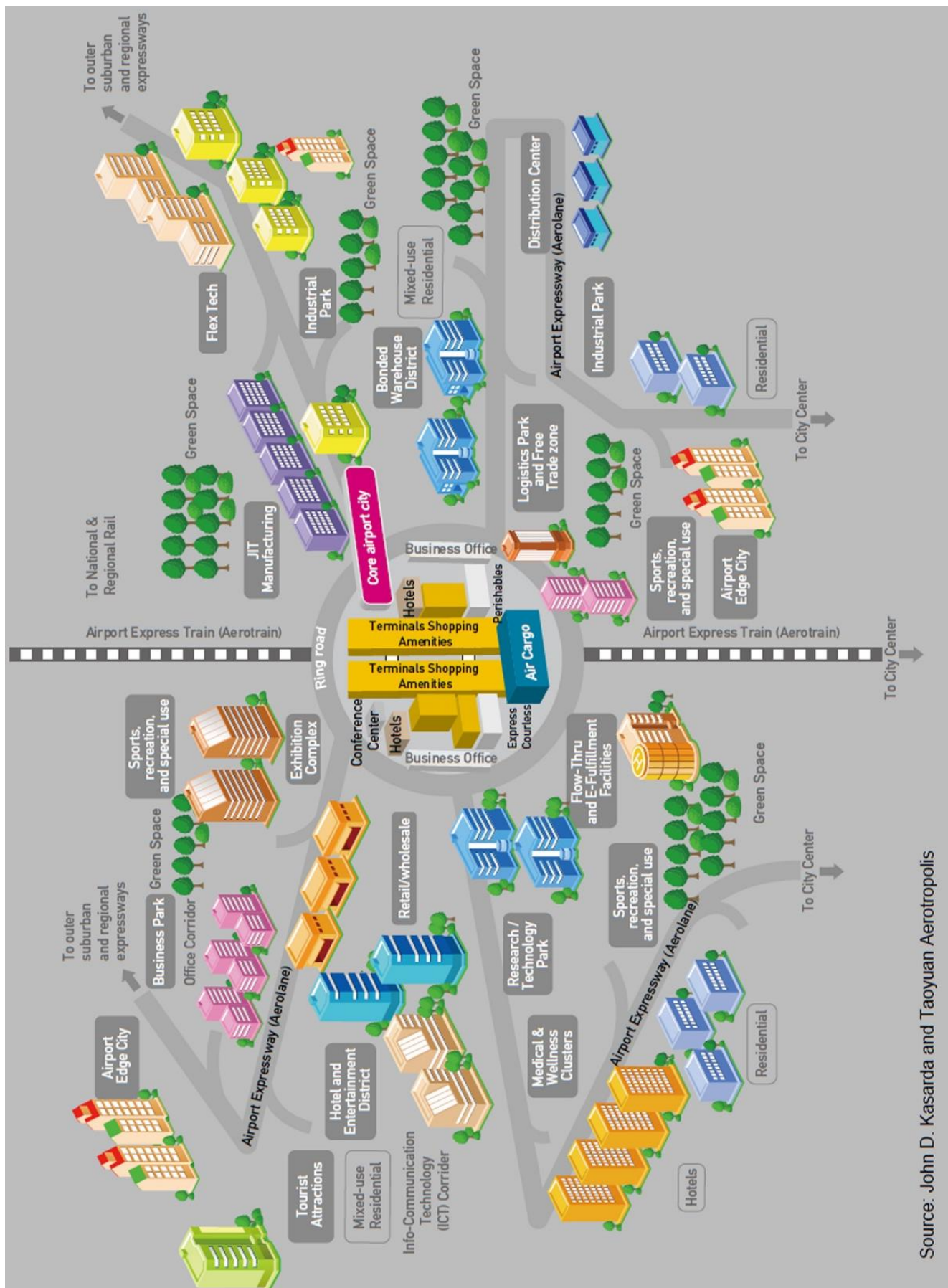
Fig. 2 Ratio of female to male migrants by age group for the world and for developed and developing regions, 2013



Source : Population Factsheet 2013/14, Sept 2013 (International Migration 2013 : Age and Sex distribution)

Figs 3A and 3B for Question 3**Fig. 3A** An artist impression of Taoyuan Aerotropolis

Fig. 3B Proposed Map of Taoyuan aerotropolis



Source: John D. Kasarda and Taoyuan Aerotropolis

Figs 4A, 4B and 4C for Question 4**Fig. 4A** Background on Tianjin Eco-city

Sino-Singapore Tianjin Eco-city is the 2nd flagship Government-to-Government project between Singapore and China after Suzhou Industrial Park. The project was mooted by then Singapore Senior Minister Goh Chok Tong and Chinese Premier Wen Jiabao in April 2007, against the backdrop of rapid urbanisation and increasing global attention on the importance of sustainable development.

The Tianjin Eco-city's vision is to be *"A thriving city which is socially harmonious, environmentally-friendly and resource-efficient – a model for sustainable development"*.

The Eco-city site is located 40 km from Tianjin city centre and 150 km from Beijing city centre. It is located within the Tianjin Binhai New Area – one of the fastest economically growing regions in China.

Source : http://www.tianjinecocity.gov.sg/bg_intro.htm

Fig. 4B Graphic on Tianjin Eco-city

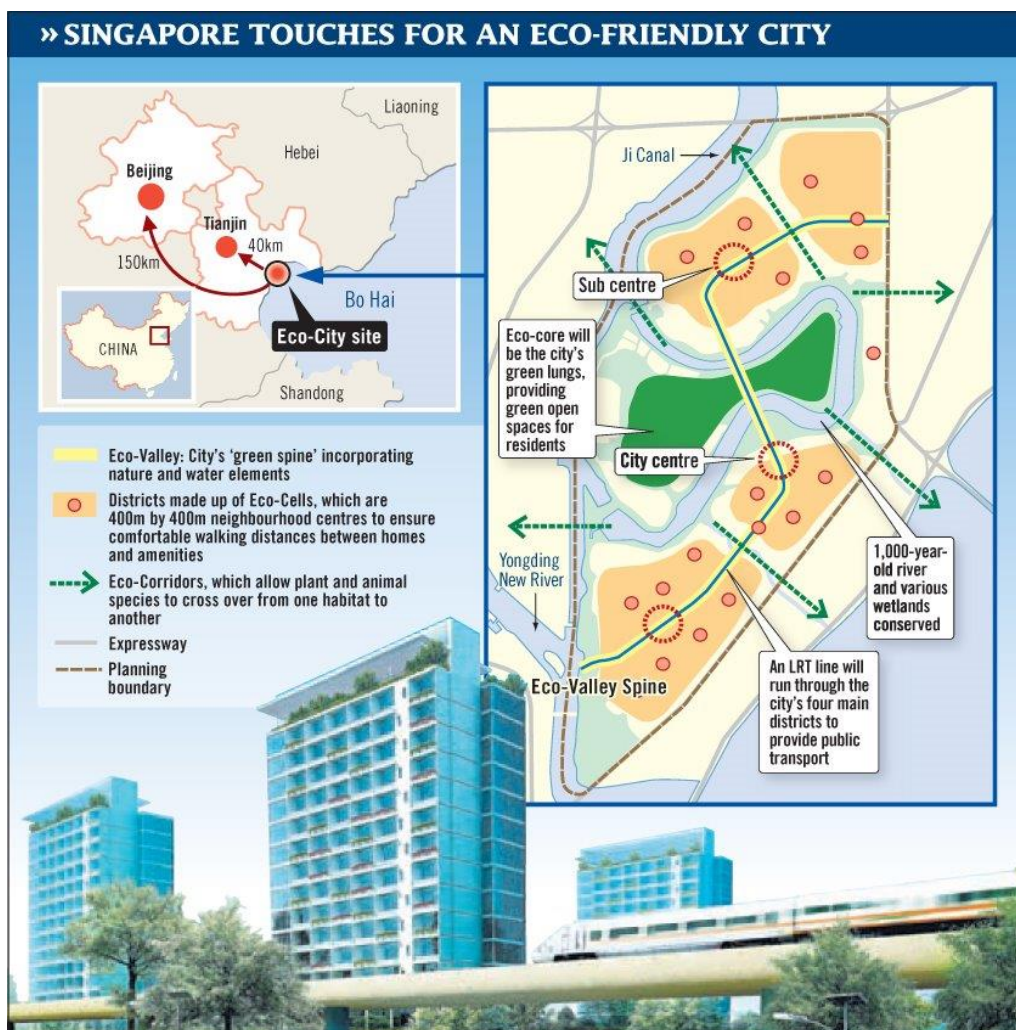
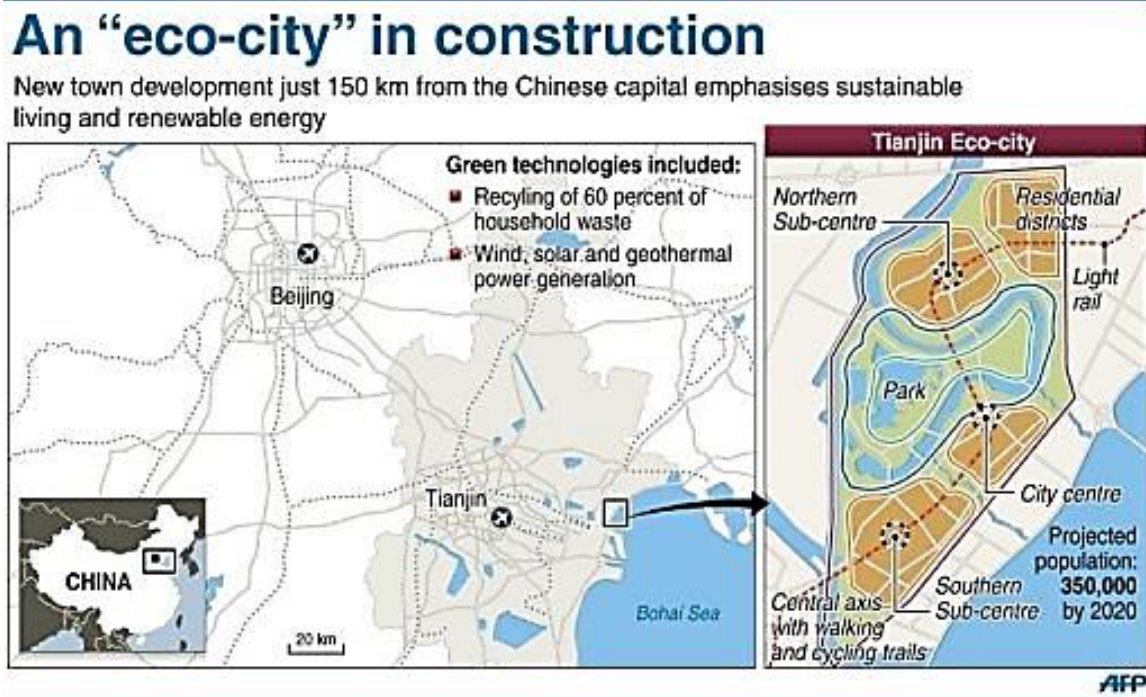


Fig. 4C Location of Tianjin Eco-city**End of Insert**