



**VICTORIA JUNIOR COLLEGE**  
**JC 2 PRELIMINARY EXAMINATION 2018**  
**HIGHER 2**

**H2 GEOGRAPHY**

**9751/02**

**Paper 2**

**3 hours**

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**READ THESE INSTRUCTIONS FIRST**

Write your name and index number on the work you hand in.  
Write in dark blue or black pen on both sides of the paper.  
You may use an HB pencil for any diagrams or graphs.  
Do not use staples, paper clips, glue or correction fluid.

Answer **all** questions.

The Insert contains all the Resources referred to in the questions.  
You should make reference to appropriate examples studied in the field or the classroom, even where such examples are not specifically requested by the question.  
Diagrams and sketch map should be drawn whenever they serve to illustrate and answer.  
You are reminded of the need for good English and clear presentation of 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

### Theme 4: Geographical Investigation

- 1** Chang Chun is an important industrial city in China with a focus on the automotive sector.

FAW-Volkswagen Automobile Co., Ltd. (FAW-VW) is a joint venture between FAW Group (a Chinese state-owned automotive manufacturing company) and Volkswagen (a German transnational corporation) which manufactures Volkswagen vehicles for sale in China.

A FAW-VW manufacturing plant is located in the residential area of Jincheng District in Chang Chun. Some of the residents are employees at the FAW-VW manufacturing plant.

A team of 5 students from a local university are interning with the Chang Chun City Authorities. They have been tasked with assessing the impacts of the FAW-VW manufacturing plant on the city.

The team was given a noise recorder and a laptop.

They also have access to secondary data in the form of:

- A map of the Jincheng District where the FAW-VW manufacturing plant is located.
- An atmospheric pollution (PM10) map for Chang Chun City across 9 study sites.
- An excerpt of an interview with the Chief Executive Officer (CEO) of Volkswagen.

Resource 1 shows a map of the Jincheng District where the FAW-VW manufacturing plant is located. Resource 2 shows the features of the noise recorder. Resource 3 shows the atmospheric pollution (PM10) map for Chang Chun across 9 study sites (A – I). Resource 4 shows an excerpt of an interview between the CEO of Volkswagen, Herbert Deiss and a reporter for CNBC, a news media company.

- (a)** With reference to Resource 2, suggest possible issues that may affect accuracy while using the noise recorder to collect primary data on noise pollution caused by the FAW-VW manufacturing plant.

[4]

- (b)** With reference to Resources 1 and 2, develop a plan to collect primary data to assess the levels of noise pollution caused by the FAW-VW manufacturing plant in the Jincheng District.

[7]

- (c)** Explain why the data presentation technique shown in Resource 3 is appropriate to present the level of pollution in Chang Chun.

[5]

- (d)** With reference to Resources 1, 3 and 4, evaluate the usefulness of secondary data in assessing the impacts of the FAW-VW manufacturing plant on Chang Chun.

[9]

**Section B****Theme 1: Tropical Environments****Karst of Ha Long Bay, Vietnam**

- 2** Resource 5 is an article on the karst landscape of Ha Long Bay. Resource 6 is a photograph of Bo Hon Island, taken from the entrance of Bo Nau cave. Bo Hon Island is one of the islands in Ha Long Bay.
- (a)** With reference to Resource 5, describe the physical characteristics of Ha Long Bay.  
[4]
- (b)** With the aid of a well-labelled sketch, describe the key features of the karst landscape shown in Resource 6.  
[6]
- (c)** Explain the processes that have contributed to the formation of the karst landscape shown in Resource 6.  
[7]
- (d)** With reference to Resource 5, suggest how sea level rise may affect the karst landscape in Ha Long Bay.  
[4]
- (e)** Suggest the processes that may have contributed to the formation of the rock types in Ha Long Bay as shown in Resource 5.  
[4]

## Theme 2: Development, Economy and Environment

### Transnational Corporation (TNC) operations and impacts

- 3** Zara is a Spanish garment TNC based in Galicia, Spain. It is the world's largest apparel retailer. Zara has more than 2200 stores in 96 countries. It is renowned for its ability to develop a new product and get it to stores within 2 weeks compared to a 6 month industry average.

Resource 7 shows the distribution of Zara's suppliers by region from 2007 to 2012. Resource 8 shows Zara's production chain. Resource 9 is an article on labour issues in the garment industry.

- (a)** With reference to Resource 7, describe the distribution of Zara's suppliers from 2007 to 2012. [4]
- (b)** Suggest reasons for the distribution of Zara's suppliers described in (a). [5]
- (c)** Using Resource 8, explain how information and communication (ICT) and transport technologies may facilitate Zara's global operations. [6]
- (d)** With reference to Resources 8 and 9, explain the role of inter-firm networks in Zara's production chain. [5]
- (e)** With reference to Resource 9, explain how non-state actors could have helped to play a role in the protection of workers from TNCs like Zara. [5]

**Theme 3: Sustainable Development****Measures of liveability and needs of the elderly in India**

- 4** Resource 10 shows an infographic on the elderly in the state of Maharashtra and Pune, a city in the Maharashtra state. Resource 11 shows the scores of 4 Indian cities in the 2018 Ease of Living Index. The Ease of Living Index is used to measure the liveability of 111 cities in India across 4 dimensions. Resource 12 shows the rankings for 4 Indian cities in the Ease of Living Index and Mercer's Quality of Living Survey in 2018.
- (a)** With reference to Resource 10, suggest possible challenges that Pune may face in meeting the needs of its elderly residents. [5]
- (b)** With reference to Resource 10, suggest what Pune can do to meet the needs of its elderly residents. [6]
- (c)** Compare the scores for the 4 Indian cities shown in Resource 11. [5]
- (d)** With reference to Resources 11 and 12 and your own knowledge, assess the usefulness of measures of liveability. [9]