



MERIDIAN
JUNIOR COLLEGE

JC2 PRELIMINARY EXAMINATIONS 2008

**GEOGRAPHY (H1)
PAPER 1**

8812/01

0800 - 1100hrs

10 Sep 2008

3 hours

READ THESE INSTRUCTIONS FIRST

Write your name and Civics Group clearly on **all** your answer scripts.
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.

Answer **all** questions in Section A.
Answer 2 questions in Section B.

Start each question on a fresh sheet of paper.

At the end of the examination, fasten all your work securely in chronological order and hand them in together.

The number of marks is given in the brackets [] at the end of each question or part question.

You should make a reference to appropriate examples studied in the field or the classroom, even where the examples are not specifically requested by the question.

Sketch maps and diagrams should be drawn wherever they serve to illustrate an answer.
You are reminded of the need for good English and clear presentation in your answers.

Section A (Data Response)

Answer **all** questions in this section.

Lithospheric Processes, Hazards and Management

1. Fig 1 shows a classification of mass movements according to water content and velocity.
 - a) Describe the nature of solifluction and explain under what conditions it occurs. [4]
 - b) Describe soil creep and explain why it occurs at such low velocities. [4]
 - c) Explain why rapid mass movements tend to occur at plate boundaries. [4]

The Globalisation of Economic Activity

2. Fig 2 shows the number of countries in each region that have experienced change in income per person.
 - a) Describe the main features of the global pattern shown in Fig 2 [4]
 - b) With the aid of examples, account for the features described in part (a)? [8]

Urban Issues and Challenges

3. Fig 3 shows the population growth rates and urban growth rates of several countries in ASEAN.
 - a) Using Fig 3, find the range of variation of urban growth in ASEAN. [1]
 - b) Describe the pattern of urbanisation of the ASEAN countries shown in Fig 3. [3]
 - c) Provide possible reasons for the pattern for the pattern you have identified in (b). [6]
 - d) Suggest, with justification, another data representation method which you would use to represent the data shown in Fig 3. [2]

The Globalisation of Economic Activity / Urban Issues and Challenges

4. Fig 4 shows the percentage of poor people living in various parts of the UK.
 - a) Describe the pattern of poverty as shown in Fig 4. [4]
 - b) Explain how globalization may have contributed to the pattern observed in part (a). [6]
 - c) Using examples, describe and explain other forms of segregation which may exist within large metropolitan areas. [4]

**Section B
(Essay)**

Answer **Question 5** and **one** other question from this section.

Lithospheric Processes, Hazards and Management**5 Either**

- (a) Why is the knowledge of plate tectonics important in understanding the distribution of many natural hazards? [9]
- (b) To what extent is geological structure important in the determination of landforms found in limestone areas. [16]

Or

- (a) Describe and account for the differences between the types of volcanoes found at convergent and divergent plate boundaries. [9]
- (b) To what extent is it possible to predict earthquakes and to limit their hazardous effects? [16]

Urban Issues and Challenges**6 Either**

- (a) Identify and explain the factors that are likely to affect the future form of cities. [9]
- (b) Using examples to illustrate your answer, critically evaluate the usefulness of the Bid Rent Theory in explaining urban structure. [16]

Or

- (a) Using examples, explain the term “urban deprivation” and explain its occurrence in the central cities of Developed Countries (DCs)? [9]
- (b) Assess the extent to which attempts to overcome the housing problems resulting from rapid urban growth in Less Developed Countries (LDCs) have been successful. [16]

The Globalisation of Economic Activity**7 Either**

- (a) Give the meaning of the term *transnational corporation*. Explain the recent growth of transnational corporations in the world economy. [9]
- (b) Using an example or examples, to what extent has the role of the government been the key to the successful development of the country? [16]

Or

- (a) Describe and explain how global economic change has led to changes in the service sector. [9]
- (b) Assess the view that globalisation has led to the polarisation of wealth between Developed Countries (DCs) and Less Developed Countries (LDCs). [16]

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