



**General Certificate of Education
Advanced**

444/01

**GEOGRAPHY GG4
GEOGRAPHICAL PROCESSES
AND THEIR MANAGEMENT**

P.M. WEDNESDAY, 23 January 2008
(1 hour 30 minutes)

ADDITIONAL MATERIALS

In addition to this examination paper, you will need a 12 page answer book.

INSTRUCTIONS TO CANDIDATES

Answer **two** questions; **one** from your chosen sub-unit in **Section A** and **one** from your chosen sub-unit in **Section B**.

MAKE FULL USE OF EXAMPLES IN SUPPORT OF YOUR ANSWERS. SKETCH-MAPS AND DIAGRAMS SHOULD BE INCLUDED WHERE RELEVANT.

INFORMATION FOR CANDIDATES

You are reminded that marking will assess your ability to organise and present information, ideas, descriptions and arguments clearly and logically, taking into account your use of grammar, punctuation and spelling.

No certificate will be awarded to a candidate detected in any unfair practice during the examination.

Answer **two** questions, **one** from Section A and **one** from Section B.

SECTION A

*There are four questions in this section. Answer **one** only.*

GG4a. Landforms: Process and Management

1. Describe and explain the rôle of high energy events, compared with longer periods of stability, in the development of landforms in your chosen geomorphic environment. [20]
2. Explain why opinions differ over the success of strategies used to manage the impacts of human activity on the natural environment. [20]

GG4b. Climatic Hazards: Causes and Management

3. Explain how high and low pressure systems create distinctive weather patterns in your chosen climatic region. [20]
4. Explain why there is a variation in the level of hazard and element of risk associated with low pressure systems in your chosen climatic region. [20]

SECTION B

*There are four questions in this section. Answer **one** only.*

GG4c. Inequalities in Development

5. Discuss the effectiveness of different quantitative **and** qualitative indicators used to measure global inequalities. [20]
6. Account for the development of a core of relative wealth and a periphery of relative poverty in one region outside the UK. [20]

GG4d. Changing Geographies of Economic Activities

7. Assess the impacts of the globalisation of economic activity on MEDCs. [20]
8. Explain recent changes in the nature of economic activity that have taken place within one region outside the UK and identify their social and environmental impacts. [20]