

444/01

**GEOGRAPHY UNIT GG4**

**GEOGRAPHICAL PROCESSES AND THEIR MANAGEMENT**

P.M. WEDNESDAY, 24 January 2007

(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 how landforms within your chosen geomorphic environment may be modified by geomorphological processes other than those responsible for their initial formation. [20]
2. Geomorphological processes and landforms have impacts on human activity. Explain why strategies may be needed to manage these impacts in your chosen geomorphic environment. [20]

#### **GG4b. Climatic Hazards: Causes and Management**

3. Describe and explain the seasonal variations in atmospheric pressure in your chosen climatic region. [20]
4. Assess the importance of physical and human causes of the hazards associated with high 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. Account for recent changes in the patterns of world development. [20]
6. Assess the success of strategies designed to encourage economic investment and development in **one** peripheral area of a region outside the UK. [20]

**GG4d. Changing Geographies of Economic Activities**

7. Examine the reasons for changes in the nature and distribution of global economic activity. [20]
8. Outline the recent growth in economic activity that has taken place within one region outside the UK and evaluate its economic impacts. [20]