



**GCE A LEVEL**

1110U40-1



Z22-1110U40-1

**WEDNESDAY, 22 JUNE 2022 – MORNING**

**GEOGRAPHY – A2 unit 4**

**Contemporary Themes in Geography**

2 hours

### **ADDITIONAL MATERIALS**

A WJEC pink 16-page answer booklet.

### **INSTRUCTIONS TO CANDIDATES**

Use black ink or black ball-point pen.

Write your answers in the separate answer booklet provided.

Write your name, centre number and candidate number in the spaces at the top of the answer booklet.

Answer **one** question in Section A.

Answer **two** questions in Section B, **two** from your **one** selected theme.

### **INFORMATION FOR CANDIDATES**

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

**This paper requires that you make the fullest possible use of appropriate examples and specialised concepts to support your answers. Sketch maps and diagrams should be included where relevant.**

## Contemporary Themes in Geography

Make the fullest possible use of examples in support of your answers.

### Section A

Answer **one** question.

#### Theme 1: Tectonic Hazards

1. 'Volcanoes only generate significant impacts at the local scale.' Discuss. [20]

**OR**

2. 'Of all the hazards resulting from earthquake processes, liquefaction presents the greatest risk.' To what extent do you agree? [20]

### Section B

Answer **two** questions from your **one** selected theme.

#### Theme 2: Ecosystems

3. 'The most important function of ecosystems is the provision of goods.' To what extent do you agree? [22]
4. 'At the local scale, physical factors influence ecosystem succession more than human factors.' To what extent do you agree? [22]
5. To what extent is climate the most important influence on the characteristics of the Arctic tundra biome? [22]

#### Theme 3: Economic Growth and Challenge: India or China or Development in Sub-Saharan Africa

##### India

6. Discuss the factors affecting demographic change in India. [22]
7. Evaluate the role of government in the location and development of economic activity in India. [22]
8. 'India is an important global power.' To what extent do you agree? [22]

##### China

9. Discuss the factors affecting demographic change in China. [22]
10. Evaluate the role of government in the location and development of economic activity in China. [22]
11. 'China is an important global power.' To what extent do you agree? [22]

**Development in Sub-Saharan Africa**

12. 'Social factors are the most significant influence on the development of selected Sub-Saharan African countries.' Discuss. [22]
13. Evaluate the environmental impacts of development in selected Sub-Saharan African countries. [22]
14. Evaluate strategies to manage desertification in selected Sub-Saharan African countries. [22]

**Theme 4: Energy Challenges and Dilemmas**

15. 'The most important physical factors determining the supply of energy are geological.' Discuss. [22]
16. 'A country's level of development is the most important factor influencing its energy mix.' Discuss. [22]
17. Evaluate the sustainability of alternative energy sources. [22]

**Theme 5: Weather and Climate**

18. Discuss how air masses affect the weather in Wales and the United Kingdom. [22]
19. Evaluate strategies used to manage low-pressure hazards. [22]
20. Evaluate the consequences of anthropogenic climate change. [22]

**END OF PAPER**