



GCE A LEVEL

A110U30-1



**MONDAY, 12 JUNE 2023 – AFTERNOON**

**GEOGRAPHY – A level component 3**

**Contemporary Themes in Geography**

2 hours 15 minutes

### **ADDITIONAL MATERIALS**

A WJEC pink 16-page answer booklet.

### **INSTRUCTIONS TO CANDIDATES**

Use black ink or black ball-point pen.

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

Write your answers in the separate answer booklet provided.

Answer **one** question in Section A.

Answer **two** questions in Section B, **one** from each of your **two** selected themes.

### **INFORMATION FOR CANDIDATES**

The number of marks is given in brackets [ ] at the end of each question or part-question; you are advised to divide your time accordingly.

**This paper requires that you make as full use as possible 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. 'Most volcanic eruptions pose little risk to life, as it is possible to predict, monitor and warn people of their hazardous impacts.' Discuss. [38]

OR

2. 'Secondary not primary hazards from earthquakes generate the most severe impacts.' Discuss. [38]

### Section B

Answer **two** questions, **one** only from each of your **two** selected themes.

#### Theme 2: Ecosystems

3. Evaluate the impacts of physical and human factors on succession for **one or more** local scale ecosystems. [45]

OR

4. Evaluate the view that the growing threats to the Arctic tundra biome make its sustainable use increasingly challenging. [45]

#### Theme 3: Economic Growth and Challenge: India or China or Development in an African Context

##### India

5. 'Water availability is an increasingly serious physical constraint on economic development in India.' To what extent do you agree? [45]

OR

6. 'Soft power is increasingly significant in enhancing the global importance of India.' To what extent do you agree? [45]

**China**

7. 'Water availability is an increasingly serious physical constraint on economic development in China.' To what extent do you agree? [45]

**OR**

8. 'Soft power is increasingly significant in enhancing the global importance of China.' To what extent do you agree? [45]

**Development in an African Context**

9. 'Mineral and energy resources are vital for the development of many Sub-Saharan African countries, but they can lead to the resource curse and conflict.' To what extent do you agree? [45]

**OR**

10. 'Strategies to address both the causes and consequences of desertification in Sub-Saharan African countries have met with limited success.' To what extent do you agree? [45]

**Theme 4: Energy Challenges and Dilemmas**

11. 'In recent years, the use of fossil fuels has posed greater environmental problems than political and economic ones.' Discuss. [45]

**OR**

12. 'Although the level of development has a major impact on a country's choice of energy mix, there are many other influencing factors.' Discuss. [45]

**Theme 5: Weather and Climate**

13. 'Variations in the jet stream are the most important influence on weather in the UK.' To what extent do you agree? [45]

**OR**

14. 'The impacts of hazards associated with high-pressure systems are increasingly difficult to manage.' To what extent do you agree? [45]

**END OF PAPER**