



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