



GCE A LEVEL

A110U30-1



FRIDAY, 17 JUNE 2022 – AFTERNOON

GEOGRAPHY – A level component 3

Contemporary Themes in Geography

2 hours 15 minutes

ADDITIONAL MATERIALS

In addition to this examination paper, you will need **one** WJEC pink 16-page answer booklet.

INSTRUCTIONS TO CANDIDATES

Answer **one** question in Section A.

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

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.

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. 'The characteristics of the physical hazard profile are the key factors influencing the severity of impact of volcanic hazards.' Discuss. [38]

OR

2. 'The level of development is the most important factor influencing risk and vulnerability to earthquake hazards.' Discuss. [38]

Section B

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

Theme 2: Ecosystems

3. 'Human well-being depends on the goods and services provided by ecosystems, yet humans are the main drivers of ecosystem destruction.' To what extent do you agree? [45]

OR

4. 'Some ecosystems are at greater risk from destruction and damage than others.' To what extent do you agree? [45]

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

India

5. 'Globalisation has been the main driver of economic growth in India.' Discuss. [45]

OR

6. 'It is inevitable that India's recent high rates of economic growth have resulted in considerable damage to its environment.' Discuss. [45]

China

7. 'Globalisation has been the main driver of economic growth in China.' Discuss. [45]

OR

8. 'It is inevitable that China's recent high rates of economic growth have resulted in considerable damage to its environment.' Discuss. [45]

Development in an African Context

9. 'Social and cultural factors both provide more constraints than opportunities for economic development in Sub-Saharan African countries.' To what extent do you agree? [45]

OR

10. 'The environmental impacts of economic development are inevitably negative in all sectors of the economies of Sub-Saharan African countries.' To what extent do you agree? [45]

Theme 4: Energy Challenges and Dilemmas

11. Evaluate the importance of physical factors in determining both the distribution and use of energy supplies. [45]

OR

12. 'Increased efficiency of energy use is the only sustainable solution to the energy crisis.' To what extent do you agree? [45]

Theme 5: Weather and Climate

13. To what extent can the damaging impacts of atmospheric pollution be managed and reduced in urban areas? [45]

OR

14. 'Both adaptation and mitigation strategies have important roles to play in coping with the impacts of climate change.' To what extent do you agree? [45]

END OF PAPER