



GCE A LEVEL

A110U30-1



O21-A110U30-1



TUESDAY, 19 OCTOBER 2021 – MORNING

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. 'Tectonic processes operating at diverging and converging plate margins give rise to similar hazards.' To what extent do you agree? [38]

OR

2. 'Impacts of volcanic activity are greatest at the local scale.' Discuss. [38]

Section B

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

Theme 2: Ecosystems

3. 'Variations in nutrient cycling are solely the result of differences in climate.' With reference to **two** biomes, evaluate this statement. [45]

OR

4. 'Climate change is the greatest threat to the Arctic tundra biome.' Discuss. [45]

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

India

5. 'Climate variability is the most important constraint on human activity in India.' Discuss. [45]

OR

6. 'Economic change in India is primarily due to political factors.' To what extent do you agree? [45]

China

7. 'Climate variability is the most important constraint on human activity in China.' Discuss. [45]

OR

8. 'Economic change in China is primarily due to political factors.' To what extent do you agree? [45]

Development in an African Context

9. 'Climate variability is the most important constraint on development.' Discuss with reference to **two or more** Sub-Saharan African countries. [45]

OR

10. 'National governments are more effective at promoting development than international agencies.' With reference to **two or more** Sub-Saharan African countries, to what extent do you agree? [45]

Theme 4: Energy Challenges and Dilemmas

11. 'There is limited correlation between the global distribution of fossil fuels and the global pattern of energy demand.' Discuss this statement. [45]

OR

12. 'A country's energy mix is mainly determined by its physical geography.' To what extent do you agree? [45]

Theme 5: Weather and Climate

13. 'The characteristics of the world's major climate types are the result of global atmospheric circulation.' With reference to **two** climate types, to what extent do you agree? [45]

OR

14. 'The environmental impacts of reaching atmospheric tipping point are likely to be greater than the economic impacts.' Discuss. [45]

END OF PAPER