



GCE A LEVEL

1110U40-1

WEDNESDAY, 22 JUNE 2022 – MORNING

GEOGRAPHY – A2 unit 4

Contemporary Themes in Geography

2 hours plus your additional time allowance

ADDITIONAL MATERIALS

A WJEC pink 16-page answer booklet.

INSTRUCTIONS TO CANDIDATES

Use black ink, black ball-point pen or your usual method.

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.

(Turn over)

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 marks]

OR

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

(Turn over)

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 marks]**

- 4. 'At the local scale, physical factors influence ecosystem succession more than human factors.' To what extent do you agree? [22 marks]**

- 5. To what extent is climate the most important influence on the characteristics of the Arctic tundra biome? [22 marks]**

(Turn over)

**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 marks]**

- 7. Evaluate the role of government in the location and development of economic activity in India. [22 marks]**

- 8. 'India is an important global power.' To what extent do you agree? [22 marks]**

CHINA

- 9. Discuss the factors affecting demographic change in China. [22 marks]**

- 10. Evaluate the role of government in the location and development of economic activity in China. [22 marks]**

- 11. 'China is an important global power.' To what extent do you agree? [22 marks]**

DEVELOPMENT IN SUB-SAHARAN AFRICA

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

THEME 4: ENERGY CHALLENGES AND DILEMMAS

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

THEME 5: WEATHER AND CLIMATE

- 18. Discuss how air masses affect the weather in Wales and the United Kingdom. [22 marks]**

- 19. Evaluate strategies used to manage low-pressure hazards. [22 marks]**

- 20. Evaluate the consequences of anthropogenic climate change. [22 marks]**

END OF PAPER