



GCE A LEVEL

1110U30-1



S25-1110U30-1

THURSDAY, 22 MAY 2025 – AFTERNOON

GEOGRAPHY – A2 unit 3
Global Systems and Global Governance

2 hours

1110U301
01

ADDITIONAL MATERIALS

A WJEC pink 16-page answer booklet.
A calculator.

INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen.

Write your answers in the separate answer booklet provided, following the instructions on the front of the answer booklet.

Answer questions 1 **and** 2 and **either** 3 **or** 4 in Section A.

Answer questions 5 **and** 6 and **either** 7 **or** 8 in Section B.

Answer **one** question in Section C.

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 reference to data to support your answers. Sketch maps and diagrams should be included where relevant.

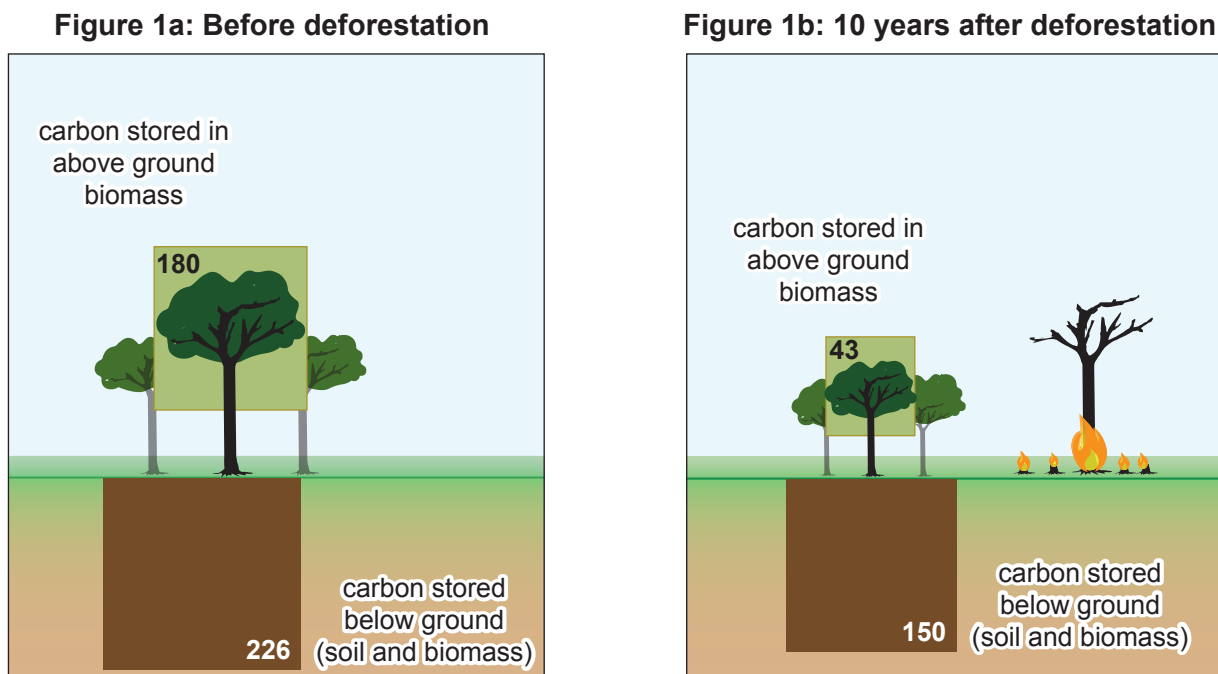
Section A: Global Systems

Answer questions 1 **and** 2 and **either** 3 **or** 4.

Make the fullest possible use of examples in support of your answers.

1. (a) Identify the characteristics of **two** different flows within a drainage basin system. [4]
- (b) Suggest how the shape of storm hydrographs is influenced by high intensity precipitation. [5]

Figure 1: Carbon storage in tropical rainforests before and after deforestation (tonnes of carbon per hectare)



Source: <https://www.grida.no/resources/6948>

2. (a) (i) Use **Figures 1a and 1b** to calculate the difference between below-ground carbon stores. [1]
- (ii) Use **Figures 1a and 1b** to calculate the percentage change in above-ground carbon stores. Show your working and give your answer to **one** decimal place. [2]
- (b) Outline the process of methane feedback in the carbon cycle. [5]

Either

3. Assess how seasonal changes impact the size of drainage basin stores. [18]

Or

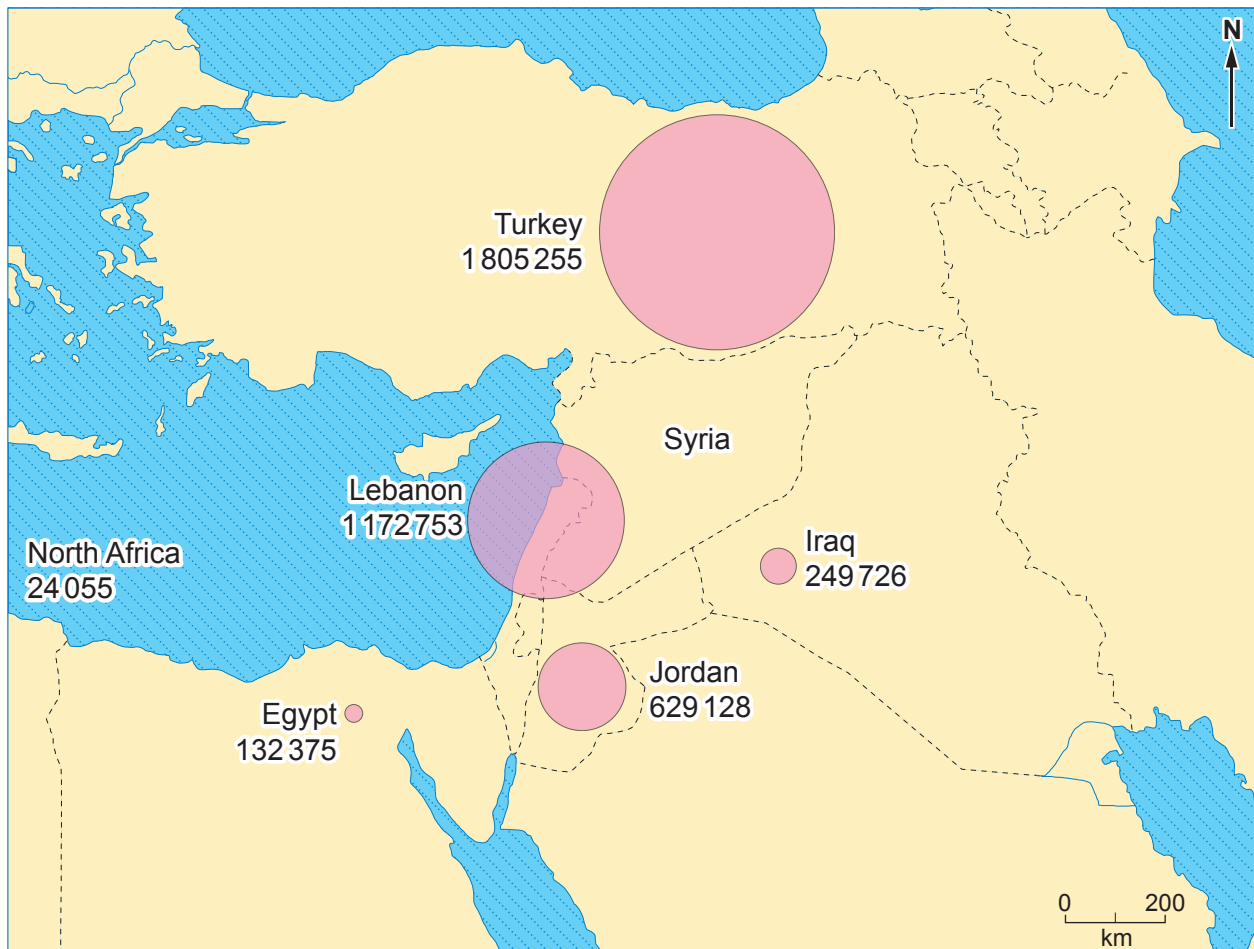
4. Assess the success of **one or more** management strategies to restore the carbon store in peatlands. [18]

Section B: Global Governance: Change and Challenges

Answer questions 5 and 6, and either 7 or 8.

Make the fullest possible use of examples in support of your answers.

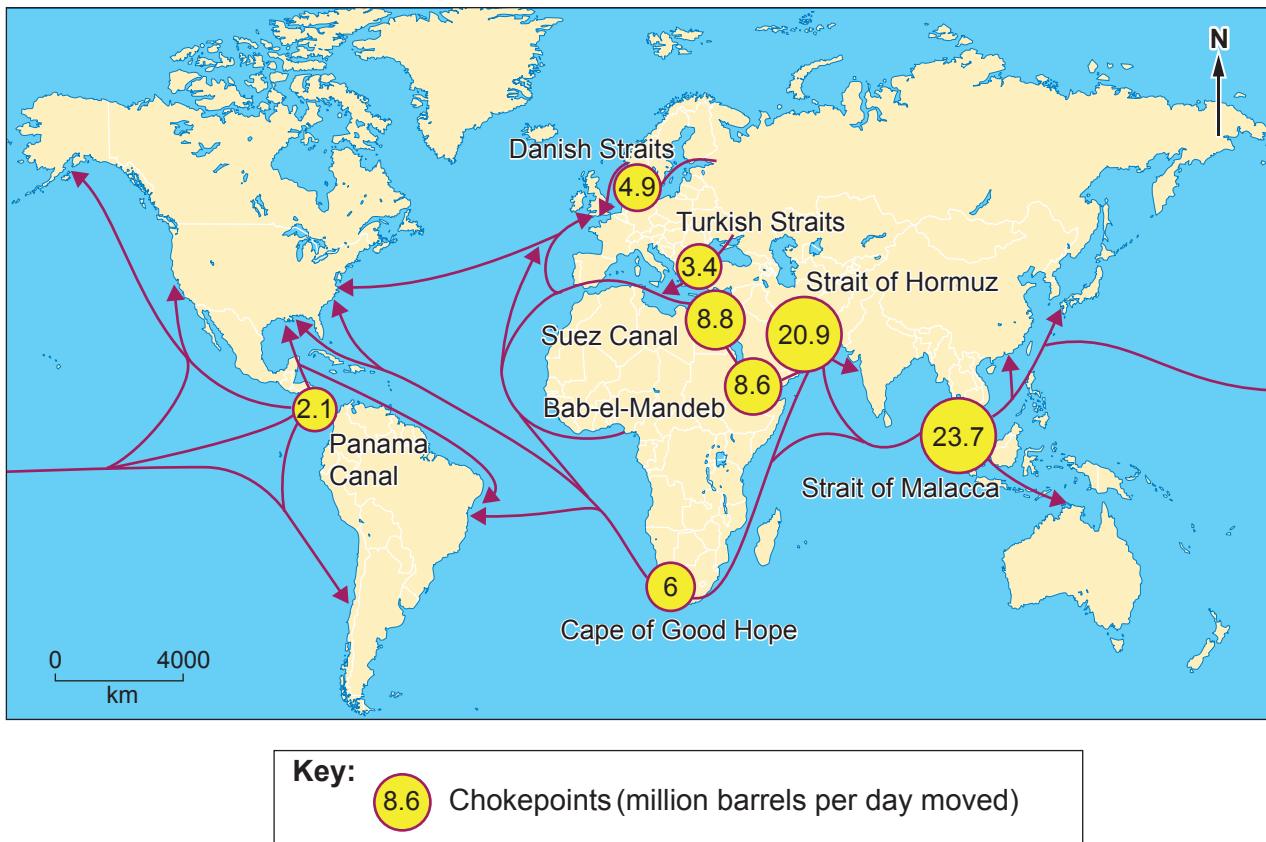
Figure 2: Countries with large concentrations of Syrian refugees, July 2015



Source: <https://www.researchgate.net>

5. (a) Suggest how movements of refugees may have consequences for the lives of people in neighbouring states such as those shown in **Figure 2**. [5]
- (b) Outline how political strategies lead to the creation of global hubs for investment and migration. [4]

Figure 3: Daily volume of oil transported through world chokepoints, 2023



Source: https://www.eia.gov/international/analysis/special-topics/World_Oil_Transit_Chokepoints

6. (a) Use **Figure 3** to analyse the significance of the Strait of Malacca as an oil transit chokepoint. [3]
- (b) Outline **one** international strategy to manage flows of people trafficking. [5]

Either

7. Examine the consequences of rural-urban migration in developing countries. [18]

Or

8. Examine the consequences of over-exploitation of marine environments. [18]

Section C: 21st Century Challenges

Answer **either** question 9 **or** question 10.

In your answer to either question 9 **or** 10, you should use the resources in **Figures 4, 5, 6a** and **6b** and apply your knowledge and understanding from across the whole specification.

Either

9. To what extent are physical processes responsible for the most significant challenges faced by urban places? [26]

Or

10. Discuss the view that physical processes increase inequality in urban places. [26]

Figure 4: People displaced by the Haiti earthquake walk past a collapsed church in Port-au-Prince, 2010



Figure 5: One of the main train lines into central Mumbai passes through the informal settlement of Dharavi, India



Figure 6a: Cardiff Bay before regeneration, 1992



Source: https://en.m.wikipedia.org/wiki/File:Cardiff_Bay_before_the_Cardiff_Bay_Barrage.jpg

Figure 6b: Cardiff Bay after regeneration, 2016



END OF PAPER