

# Geography

## Year 10 – Challenge of Natural Hazards and Urban Issues and Challenges

Task 1: Use the revision guides to make revision notes on the three main sections for Challenge of Natural Hazards. Use the specification at the beginning of the booklet as a checklist.

- Tectonic Hazards
- Weather Hazards
- Climate Change

Task 2: Answer the questions below – submit on Show My Homework

1. Explain two human developments that would increase the risk of people being affected by natural hazards. [4 marks]
2. To what extent are primary impacts of tectonic hazards more significant than secondary impacts? Use examples in your answer [6 marks]
3. 'It is not worth continuing to live at risk from a tectonic hazard.' Do you agree with this statement? Justify your decision. [9+3 marks]
4. Explain how the Global Atmospheric system affects the weather of the tropics and the poles [6 marks]
5. Describe the climatic conditions where the Hadley and Ferrell cell meet [3 marks]
6. Explain the process that leads to the formation of tropical storms [4 marks]
7. Evaluate the response to a tropical storm in a LIC [6 marks]
8. Give two pieces of evidence that show extreme weather is becoming more common in the UK [2 marks]
9. Explain how management strategies have been effective at reducing the impacts of extreme weather in the UK [4 marks]
10. Explain the impact of climate change of people around the world [4 marks]
11. Suggest two environmental impacts of climate change [2 marks]
12. Explain how building artificially raised islands in the Maldives has helped to reduce the impacts of climate change [4 marks]

Task 3: Use the revision guides to make revision notes on Urban Issues and Challenges. Use the specification as a checklist. Case studies include Rio de Janeiro and Bristol.

Task 4: Answer the questions below – submit on Show My Homework

1. Define a megacity [1 mark]
2. Outline one reason why urbanisation takes place in LICs and NEEs [2 marks]
3. Identify one push and pull factor for urbanisation [2 marks]

4. Explain the causes of urban growth in a LIC/NEE city you have studied [6 marks]
5. Using a named example of a city in a LIC or NEE, to what extent are environmental challenges created by urban growth [6 marks]
6. Explain how an urban planning project can help to improve quality of life in LIC/NEE cities [4 marks]
7. Give one way that a major city in the UK is internationally important [1 marks]
8. To what extent has migration had a positive impact on a city in the UK [6 marks]
9. Explain how migration can cause conflict [4 marks]
10. 'Urban change presents more challenges than opportunities.' Using a case study of a UK city, discuss the extent to which you agree with this statement. [9+3 marks]
11. Identify the differences between brownfield and greenfield sites [2 marks]
12. For any named city you have studied evaluate the strategies employed to manage traffic congestion and waste. [6 marks]

Task5: Check Show My Homework and Seneca Learning for tasks.

Any questions or if any support is needed, feel free to email  
[skhanam@walworthacademy.org](mailto:skhanam@walworthacademy.org)