GCSE

Case Study and Exam Question Revision Booklet

**Name:**

**Class:**

**FSS = Facts, stats and specifics**

**CS = Case Studies**



**Paper 1: Living with the physical environment**

**Section A – The challenge of natural hazards**

* Use named examples to show how the effects and responses to a tectonic hazard vary between two areas of contrasting levels of wealth
  + **Case study …………………………………………(HIC)**
  + **Case study …………………………………………(LIC)**
* Use a named example of a tropical storm to show its effects and responses
  + **Case study …………………………………………**
* An example of a recent extreme weather event in the UK
  + **Case study …………………………………………**

**Section B – The living world**

* An example of a small-scale UK ecosystem
  + **Case study …………………………………………**
* A case study of a tropical rainforest
  + **Case study …………………………………………**
* A case study of a cold environment
  + **Case study …………………………………………**

**Section C – Physical landscapes in the UK**

* An example of a section of coastline in the UK
  + **Case study …………………………………………**
* An example of a coastal management scheme in the UK
  + **Case study …………………………………………**
* An example of a river valley in the UK to identify its major landforms of erosion and deposition
  + **Case study …………………………………………**
* An example of a flood management scheme in the UK
  + **Case study …………………………………………**

**Paper 2: Challenges in the human environment**

**Section A – Urban challenges**

* A case study of a major city in an LIC or NEE
  + **Case study …………………………………………**
* An example of how urban planning is improving the quality of life for the urban poor
  + **Case study …………………………………………**
* A case study of a major city in the UK
  + **Case study …………………………………………**
* An example of an urban regeneration project
  + **Case study …………………………………………**

**Section B – The changing economic world**

* An example of how the growth of tourism in an LIC or NEE helps to reduce the development gap
  + **Case study …………………………………………**
* A case study of one LIC or NEE
  + **Case study …………………………………………**
* An example of how modern industrial development can be more environmentally sustainable
  + **Case study …………………………………………**

**Section C – The challenge of resource management**

**Energy**

* An example to show how the extraction of a fossil fuel has both advantages and disadvantages
  + **Coal, Oil or Gas**
* An example of a local renewable energy scheme in an LIC or NEE to provide sustainable supplies of energy
  + **Case study …………………………………………**

**Food**

* An example of a large scale agricultural development to show how it has both advantages and disadvantages.
  + **Case study …………………………………………**
* An example of a local scheme in an LIC or NEE to increase sustainable supplies of food
  + **Case study …………………………………………**

**Water**

* An example of a large scale agricultural development to show how it has both advantages and disadvantages.
  + **Case study …………………………………………**
* An example of a local scheme in an LIC or NEE to increase sustainable supplies of food
  + **Case study …………………………………………**

**Section A – The challenge of natural hazards**

**Use named examples to show how the effects and responses to a tectonic hazard vary between two areas of contrasting levels of wealth**

|  |  |  |  |
| --- | --- | --- | --- |
| Location: | | Map | |
| Background Information: | |
| Event information | | | |
| Effects | | | |
| Social | Economic | Environmental | Political |
| Response | | | |
| Immediate and short-term response | | Long term response | |

|  |  |  |  |
| --- | --- | --- | --- |
| Location: | | Map | |
| Background Information: | |
| Event Information: | | | |
| Effects | | | |
| Social | Economic | Environmental | Political |
| Response | | | |
| Immediate and short-term response | | Long term response | |

Exam Style Questions

Choose **either** an earthquake **or** a volcanic eruption.

Assess the extent to which primary effects are more significant than secondary effects.

**[9 marks] [+ 3 SPaG marks]**

|  |  |
| --- | --- |
| **Introduction**  Outline your understanding of the content.  State your initial opinion. |  |
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| **Paragraph 1 – In support**  Outline how primary effects can be more significant than secondary effects. Use case studies as evidence. |  |
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| **Paragraph 1 – counterargument**  Outline how secondary effects can be more significant than primary effects (discuss the role of wealth and response to the hazard). Use case studies as evidence. |  |
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| **Conclusion**  State your overall judgement using the evidence previously stated |  |
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Suggest why the effects of a tectonic hazard vary between areas of contrasting levels of wealth. **[6 marks]**

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Explain how volcanic activity and orbital changes may cause long-term climate change.

**[4 marks]**

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**Use a named example of a tropical storm to show its effects and responses**

* + **Case study …………………………………………**

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| --- | --- | --- | --- |
| Location: | | Map | |
| Background Information: | |
| Storm Information: | | | |
| Effects | | | |
| Social | Economic | Environmental | Political |
| Response | | | |
| Immediate and short term response | | Long term response | |

**Exam Style Question**

Assess the extent to which prediction is the most important factor in reducing the effects of tropical storms.

[9 marks][+ 3 SPaG marks]

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| --- | --- |
| **Introduction**  Outline your understanding of the content.  State your initial opinion. |  |
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| **Paragraph 1 – In support**  Outline how prediction could be the most important factor in reducing the effects of a TS. Use case studies as evidence. |  |
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| **Paragraph 2 - counterpoint**  Outline how other factors (planning and preparation) could be more importance than prediction. Use case studies as evidence. |  |
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| **Conclusion**  State your overall judgement using the evidence previously stated |  |
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Using a named example, evaluate the immediate and long-term responses to tropical storms

**[9 marks]** **[+ 3 SPaG marks]**

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| --- | --- |
| Introduction  Outline your understanding of the content. Identify what immediate and long term responses are. |  |
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| Paragraph 1 –  Introduce your case study. Discuss the immediate responses. State how effective these responses were. Refer to facts, stats and specific from your case study. |  |
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| Paragraph 2 – Discuss the long term responses. State how effective these responses were. Refer to facts, stats and specific from your case study. |  |
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| Conclusion – give an overall evaluation of responses to the tropical storm. |  |
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**An example of a recent extreme weather event in the UK**

* + **Case study …………………………………………**

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| --- | --- | --- | --- |
| Location: | | Map | |
| Background Information: | |
| Event information | | | |
| Impacts | | | |
| Social | Economic | | Environmental |
| Response | | | |
| Immediate and short-term response | | Long term response | |

Exam Style Questions

The weather of the UK is becoming more extreme.’ Use evidence to support this statement. **[6 marks]**

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| **Introduction** State your initial opinion. |  |
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| Outline how weather is becoming more extreme in the UK – support with evidence |  |
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| **Counter argument – e.g. recording is more sophisticated** |  |
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**Section B – The living world**

**An example of a small-scale UK ecosystem**

****Exam Style Questions

Describe the role of producers in the food chain [1 mark]

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Give one reason why energy is lost at each level of the food chain [1 mark]

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**A case study of a tropical rainforest**

* + **Case study …………………………………………**

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| --- | --- | --- | --- | --- |
| Location: | | Map | | |
| Background Information: | |
| Impacts of Deforestation | | | | |
| Social | Economic | | | Environmental |
| Responses to deforestation | | | | |
| Top-down | | | Bottom-up | |

Exam Style Questions

Explain how deforestation can have economic impacts. **[6 marks]**

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| --- | --- |
| Introduce the location. |  |
|  |
| State a positive/negative economic impact and explain it. Support with evidence |  |
|  |
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|  |
| State a positive/negative economic impact and explain it. Support with evidence. |  |
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**A case study of a cold environment**

* + **Case study …………………………………………**

|  |  |
| --- | --- |
| Location: | Map |
| Background Information: |
| Opportunities | Challenges |
|  |  |
| Management | |
| Top-down | Bottom-up |

Exam Style Questions

For a hot desert environment **or** cold environment you have studied, to what extent does that environment provide both opportunities and challenges for development? **[9 marks]**

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| --- | --- |
| Introduction  Outline your understanding of the content.  State your initial opinion. |  |
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| Paragraph 1 –  Outline how the environment provides opportunities for development. Support with facts, stats and specifics.  Examples   * Tourism * ICT industry * Resources |  |
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| Paragraph 2 – Outline how the environment provides challenges for development.  Examples   * Climate * Conservation |  |
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| Conclusion  Are there more challenges or opportunities?  State your overall judgement on the opportunities and challenges for development. |  |
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For a hot desert environment **or** a cold environment you have studied, assess the importance of management strategies used to reduce the risk of environmental damage. **[9 marks]**

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| --- | --- |
| Introduction State your initial opinion on the importance of management. Outline your location. |  |
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| Paragraph 1 – In support  Outline1 management strategy and explain how management has been important to reduce environmental damage.  S&C – link to sustainability |  |
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| Paragraph 2 –  Outline another management strategy and explain how management has been important to reduce environmental damage.  S&C – link to sustainability |  |
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| Conclusion  Conclude with an overall statement on the importance of each management strategy. |  |
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For a hot desert environment **or** a cold environment you have studied, to what extent is your chosen environment at risk from human activity. [9 marks]

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| Introduction State your initial opinion on the level of risk from human. Outline your location. |  |
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| Paragraph 1 – Outline and explain the risks to your chosen environment as a result of humans.  Examples   * Tourism * Resource extraction * urbanisation |  |
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| Paragraph 2 –  Counter argument – discuss what is being done to counteract the risk from human activity.  Examples   * Sustainable homes * National parks * Laws and regulations |  |
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| Conclusion  Conclude with an overall statement on the level of risk to your chosen environment from human activity. |  |
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**Section C – Physical landscapes in the UK**

**An example of a section of coastline in the UK**

* + **Case study …………………………………………**

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| --- | --- |
| Location: | Map |
| Background Information: |
| Geology | |
|  | |
| Landforms | |
| Erosional | Depositional |

Exam Style Questions

Explain how different landforms may be created by the transport and deposition of sediment along the coast. [6 marks]

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| Identity a landform created by transport and deposition. Explain how it is formed. |  |
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| Identify an additional landform created by transport and deposition. Explain formation |  |
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Explain how different landforms may be created by erosion and weathering [6 marks]

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| --- | --- |
| Identity a landform created by erosion and weathering. Explain how it is formed. |  |
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| Identify an additional landform created by transport and deposition. Explain briefly explain the formation |  |
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**An example of a coastal management scheme in the UK**

* + **Case study …………………………………………**

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| --- | --- |
| Location: | Map |
| Background Information: |
| Geology | Landforms |
|  |  |
| Threats | |
|  | |
| Management | |
| Hard engineering | Soft engineering |

Exam Style Questions

‘Hard engineering strategies are effective in protecting the coastline.’ Do you agree with this statement? Explain your answer. [6 marks]

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| State your opinion, do you agree or disagree. |  |
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| Give one reasons for your opinion, explain it and support with evidence. |  |
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| Give another reasons for your opinion, explain it and support with evidence. |  |
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Explain how soft engineering is used to protect coastlines from the effects of physical processes. [6 marks]

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| --- | --- |
| Describe a type of soft engineering; explain how it protects the coastline from physical processes |  |
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| Describe another type of soft engineering; explain how it protects the coastline from physical processes |  |
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**An example of a river valley in the UK to identify its major landforms of erosion and deposition**

* + **Case study …………………………………………**

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| --- | --- | --- | --- |
| Location: | | Map | |
| Background Information: | |
| Landforms | | | |
| Erosional | | Depositional | |
| Long profile | | | |
| Upper | Middle | | Lower |

Exam Style Questions

Explain the processes involved in the formation of waterfalls. [6 marks]

|  |  |
| --- | --- |
| Describe the geology of where a waterfall forms |  |
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| Explain how the overhang and plunge pool are then created.  Use key terms and refer to difference erosion processes. |  |
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Explain the processes involved in the formation of an ox-bow lake [6 marks]

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| --- | --- |
| Explain the formation of a meander |  |
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|  |
| Explain the role of erosion in the formation of an ox-bow lake |  |
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| Explain the role of deposition in the formation of an ox-bow lake |  |
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**An example of a flood management scheme in the UK**

* + **Case study …………………………………………**

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| --- | --- | --- |
| Location: | Map | |
| Background Information: |
| Threats | | |
|  | | |
| Management | | |
| Hard engineering | | Soft engineering |

Exam Style Questions

Explain how physical and human factors can increase the risk of river flooding. [6 marks]

|  |  |
| --- | --- |
| Identify one physical factor, explain how it increases the risk of river flooding |  |
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|  |
| Identify one human factor, explain how it increases the risk of flooding. |  |
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|  |
| Identify one physical or human factor, explain how it increases the risk of flooding. |  |
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‘The causes of river flooding are usually the result of human factors’. Do you agree with this statement? Explain you answer. [6 marks]

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| --- | --- |
| State your opinion, do you agree or disagree. |  |
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| Give one reasons for your opinion, explain it and support with evidence. |  |
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| Give another reasons for your opinion, explain it and support with evidence. |  |
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**Paper 2: Challenges in the human environment**

**Section A – Urban challenges**

**A case study of a major city in an LIC or NEE**

* + **Case study …………………………………………**

**An example of how urban planning is improving the quality of life for the urban poor**

* + **Case study …………………………………………**

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| --- | --- | --- | --- | --- | --- |
| Location: | | | Location | | |
| Background Information | | |
| Causes of growth | | Importance | | | |
|  | | National/Regional | | Global | |
| Opportunities | | | Challenges | | |
| Employment | Education | | Squatter settlements | | Transport |
| Healthcare | Development | | Water Supply | | Crime |
| Solutions | | | | | |
| Top-down | | | Bottom-up | | |

Exam Style Questions

To what extent do urban areas in lower income countries (LICs) or newly emerging economies (NEEs) provide social and economic opportunities for people? [6 marks]

|  |  |
| --- | --- |
| State your opinion. Introduce your location. |  |
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| Outline the social opportunities in urban areas. Support with evidence.  S&C – counteract your point |  |
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| Outline the economic opportunities in urban areas. Support with evidence.  S&C – counteract your point |  |
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| Make a conclusive statement of the ‘extent’ |  |
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Using a case study of a city in a LIC/NEE assess the challenge of providing services to the city’s population. [6 marks]

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| Introduce your location and the services required. |  |
|  |
| Outline a challenge to providing services to the city’s population. Support with evidence. |  |
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|  |
| Outline another challenge to providing services to the city’s population. Support with evidence. |  |
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Evaluate the effectiveness of an urban planning strategy in helping to improve the quality of life for the urban poor. Use an example of a city in a lower income country (LIC) or newly emerging economy (NEE). **[9 marks] [+ 3 SPaG marks]**

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| --- | --- |
| Introduction Outline  an urban planning strategy that aims to improve the quality of live for the urban poor. |  |
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| Paragraph 1 – Outline the advantages of the strategy. |  |
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| Paragraph 2 –  Outline the disadvantages of the strategy. |  |
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| Conclusion  Give a conclusive statement that assesses the effectiveness of the strategy |  |
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**A case study of a major city in the UK**

* + **Case study …………………………………………**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Location: | | | Map | | | | | |
| Background Information | | |
| Causes of growth | | Importance | | | | | | |
|  | | National/Regional | | | | | Global | |
| Impact of Migration | | | | | | | | |
| Positives | | | | | Negatives | | | |
| Opportunities | | | | | | Challenges | | |
|  | | | | | |  | | |
| Sustainable Management | | | | | | | | |
| Water | Energy | | | Waste | | | | Transport |

To what extent has urban change created opportunities in a UK city you have studied?

[9 marks][+ 3 SPaG marks]

|  |  |
| --- | --- |
| Introduction Introduce your location. Outline the urban change that has taken place. |  |
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| Paragraph 1 – Describe and explain any opportunities that have resulted from urban change. Support with FSS from your case study |  |
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| Paragraph 2 –  Counterpoint  Outline any challenges that have arisen from urban change. |  |
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| Conclusion  Give a conclusive statement that assesses the extend to which opportunities have been created. |  |
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Evaluate the effectiveness of an urban transport scheme(s) you have studied.

[9 marks] [+ 3 SPaG marks]

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| --- | --- |
| Introduction Outline and explain an urban transport scheme |  |
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| Paragraph 1 –  Outline the advantages of the transport scheme |  |
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| Paragraph 2 –  Outline the disadvantages of the transport scheme |  |
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| Conclusion  Give a conclusive statement that assesses the effectiveness of the scheme |  |
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**An example of an urban regeneration project**

* + **Case study …………………………………………**

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| --- | --- |
| Location: | Map |
| Background Information: |
| Reasons for regeneration | Features of the Project |
|  |  |

Using an example explain how urban regeneration projects can reduce levels of urban deprivation. [6 marks]

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| --- | --- |
| Introduce your location. Outline the project. |  |
|  |
| Describe and explain one way the project has reduced urban deprivation. |  |
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|  |
| Describe and explain a second way the project has reduced urban deprivation. |  |
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**Section B – The changing economic world**

**An example of how the growth of tourism in an LIC or NEE helps to reduce the development gap**

* + **Case study …………………………………………**

|  |  |
| --- | --- |
| Location: | Map |
| Background Information: |
| Growth in Tourism | |
|  | |
| Benefits | |
| Social | Economic |

Using an example, evaluate the effectiveness of tourism in reducing the development gap. [9 marks]

|  |  |
| --- | --- |
| Introduction  Introduce the location and the problem (development gap) |  |
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| Paragraph 1 –  Outline advantages of the tourism to your chosen location |  |
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| Paragraph 2 –  Outline the disadvantages of tourism to your location (if relevant) or further develop the advantages |  |
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| Conclusion  Give a conclusive statement that assesses the effectiveness of the tourism in reducing the development gap |  |
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**A case study of one LIC or NEE**

* + **Case study …………………………………………**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Location: | | | | | | | | | |
| Importance | | | | | | | | | |
| National (Nigeria) | | | Regional (Africa) | | | | | Global | |
| Context | | | | | | | | | |
| Political, | Social | | | Cultural | | | | | Environmental |
| Industrial Structure | | | | | Benefits of manufacturing | | | | |
|  | | | | |  | | | | |
| TNCs | | | | | | | | | |
| Information | Advantages | | | | | Disadvantages | | | |
| Aid | | | | | | | | | |
| Types of aid | Advantages | | | | | Disadvantages | | | |
| Impacts of economic development | | | | | | | | | |
| Social | | Economic | | | | | Environmental | | |

Using a case study of a LIC/NEE country, explain how manufacturing industry can encourage economic development. [6 marks]

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| --- | --- |
| Introduce your location and the industry |  |
|  |
| Describe and explain one way the growth of manufacturing has encouraged economic development |  |
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| Describe and explain a second way the growth of manufacturing has encouraged economic development |  |
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‘Transnational corporations (TNCs) only bring advantages to the host country.’ Do you agree with this statement? Explain you answer [6 marks]

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| --- | --- |
| State your opinion, do you agree or disagree. |  |
|  |
| Give one reason for your opinion, explain it and support with evidence. |  |
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| Give another reason for your opinion, explain it and support with evidence. |  |
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**An example of how modern industrial development can be more environmentally sustainable**

* + **Case study …………………………………………**

|  |  |
| --- | --- |
| Location: | Facts |
| Background Information: |
| Problems | Sustainable solutions |
|  | |

Explain how modern industrial developments can be made more environmentally sustainable. [4 marks]

|  |  |
| --- | --- |
| Introduce your example |  |
|  |
| Outline one way of making industrial developments more sustainable, explain why it is sustainable. |  |
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|  |
| Outline another way of making industrial developments more sustainable, explain why it is sustainable. |  |
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**Section C – The challenge of resource management**

**Energy**

**An example to show how the extraction of a fossil fuel has both advantages and disadvantages**

* + **Case study …………………………………………**

|  |  |
| --- | --- |
| Location: UK | Map of extraction in the UK |
| Background information |
| Advantages | Disadvantages |
|  |  |

**An example of a local renewable energy scheme in an LIC or NEE to provide sustainable supplies of energy**

* + **Case study …………………………………………**

|  |  |
| --- | --- |
| Location: | Map: |
| Background information |
| Aim and Objectives of the Scheme | |
| Advantages | Disadvantages |
|  |  |

Using an example you have studied, examine how the extraction of a fossil fuel

creates both advantages and disadvantages. [6 marks]

|  |  |
| --- | --- |
| Introduce your example |  |
|  |
| Outline the advantages of extracting your chosen fossil fuel |  |
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|  |
| Outline the disadvantages of extracting your chosen fossil fuel |  |
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Use an example from a LIC/NEE to explain how local strategies are being used to

increase sustainable supplies of energy. [6 marks]

|  |  |
| --- | --- |
| Introduce your example |  |
|  |
| Explain one way the example increases the supply of energy, use evidence to support your explanation. |  |
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|  |
| Explain another strategy for increase energy supply on a local scale. |  |
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Explain how energy security can be improved. [6 marks]

|  |  |
| --- | --- |
| Briefly outline what energy security is. |  |
|  |
| Describe one way of increasing energy supply, support with evidence if possible. Explain how it improves energy security. |  |
|  |
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|  |
| Describe a second way of increasing energy supply, support with evidence if possible. Explain how it improves energy security. |  |
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**Food**

**An example of a large scale agricultural development to show how it has both advantages and disadvantages.**

* + **Case study …………………………………………**

|  |  |
| --- | --- |
| Location: | Map: |
| Background information |
| Aim and Objectives of the Scheme | |
| Advantages | Disadvantages |
|  |  |

**An example of a local scheme in an LIC or NEE to increase sustainable supplies of food**

* + **Case study …………………………………………**

|  |  |
| --- | --- |
| Location: | Map: |
| Background information |
| Aim and Objectives of the Scheme | |
| Advantages | Disadvantages |
|  |  |

Examine the advantages and disadvantages of a large scale agricultural development that you have studied. [6 marks]

|  |  |
| --- | --- |
| Introduce your example |  |
|  |
| Outline the advantages of large scale agricultural development |  |
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|  |
|  |
|  |
|  |
| Outline the disadvantages of large scale agricultural development |  |
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Use an example from a LIC/NEE to explain how local strategies are being used to

increase sustainable supplies of food. [6 marks]

|  |  |
| --- | --- |
| Introduce your example |  |
|  |
| Explain one way the example increases the supply of food, use evidence to support your explanation. |  |
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|  |
| Explain another strategy for increase food supply on a local scale. |  |
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|  |

Explain how food security can be improved. [6 marks]

|  |  |
| --- | --- |
| Briefly outline what food security is. |  |
|  |
| Describe one way of increasing food supply, support with evidence if possible. Explain how it improves food security. |  |
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|  |
| Describe a second way of increasing food supply, support with evidence if possible. Explain how it improves food security. |  |
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**Water**

**An example of a large scale agricultural development to show how it has both advantages and disadvantages.**

* + **Case study …………………………………………**

|  |  |
| --- | --- |
| Location: | Map: |
| Background information aabout its water supply problem. |
| Aim and Objectives of the Scheme | |
| Advantages | Disadvantages |
|  |  |

**An example of a local scheme in an LIC or NEE to increase sustainable supplies of food**

* + **Case study …………………………………………**

|  |  |
| --- | --- |
| Location: | Map: |
| Background information |
| Aim and Objectives of the Scheme | |
| Advantages | Disadvantages |
|  |  |

Examine the advantages and disadvantages of a large scale water transfer scheme that you have studied. [6 marks]

|  |  |
| --- | --- |
| Introduce your example |  |
|  |
| Outline the advantages of large scale water transfer |  |
|  |
|  |
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|  |
| Outline the disadvantages of large scale water transfer |  |
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Use an example from a LIC/NEE to explain how local strategies are being used to

increase sustainable supplies of water. [6 marks]

|  |  |
| --- | --- |
| Introduce your example |  |
|  |
| Explain one way the example increases the supply of water, use evidence to support your explanation. |  |
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|  |
| Explain another strategy for increase water supply on a local scale. |  |
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|  |

Explain how water security can be improved. [6 marks]

|  |  |
| --- | --- |
| Briefly outline what water security is. |  |
|  |
| Describe one way of increasing water supply, support with evidence if possible. Explain how it improves water security. |  |
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|  |
| Describe a second way of increasing water supply, support with evidence if possible. Explain how it improves water security. |  |
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