

THE 99 QUESTIONS CHALLENGE!

PRACTICE QUESTIONS FOR REVISION ARE THE BEST WAY TO REVISE!

If you can answer these.... You can answer anything!

Sustaining Ecosystems:

1. Give two abiotic factors of an ecosystem (2).
2. Explain the role of decomposers in an ecosystem (3).
3. Describe the climate of a tropical rainforest (2).
4. Describe the vegetation of a savannah grassland (2).
5. Outline the main features of the water cycle in a tropical rainforest (3).
6. Describe the soil structure of a tropical rainforest (3).
7. Explain one adaptation of a plant or animal in the tropical rainforest (4).
8. Explain two human impacts on the tropical rainforest (4).
9. Explain the value of tropical rainforests to humans (4).
10. Explain the main geographical features of the Arctic (4).
11. Give one example of interdependence in the Arctic (1).
12. Explain two human activities in the Arctic (4).
13. Assess the effectiveness of one sustainable management project in a tropical rainforest you have studied (6 marks).
14. Assess the effectiveness of one local-scale sustainable management project in the Arctic (6).
15. Evaluate one global scale management strategy in the Arctic you have studied (8).

Changing Climate:

1. Define 'climate change' (1)
2. Describe the difference between glacial and interglacial periods (2).
3. Give two ways the world's climate is changing (2).
4. Give two sources of evidence for climate change existing (2).
5. Give one advantage and one disadvantage of using paintings as evidence for climate change (2).
6. Explain how ice cores can be used as evidence for climate change (4).
7. Explain the natural changes that can cause climate change (4).
8. Explain one difference between the natural and enhanced greenhouse effect (4).
9. Explain one factor that leads to a rise in greenhouse gas emissions (3).
10. Assess the impacts of sea level rise on a place you have studied (6).
11. 'Climate change is an issue that needs to be tackled globally'. Do you agree? Discuss (6).
12. Assess the impacts of climate change on the UK (6).

Global Hazards:

1. Give the name of a plate boundary that creates earthquakes and volcanoes (1).
2. Give two characteristics of oceanic crust (2).
3. Explain the processes and landforms found at a destructive plate boundary (4).
4. Explain the differences between a shield and composite volcano (4).
5. Give two types of weather associated with tropical storms (2).
6. Explain the formation of a tropical storm (4).
7. Explain the global circulation system (4).
8. Explain the difference between El Nino and La Nina oscillations (4).
9. For a plate tectonic event you have studied, assess the effectiveness of the responses (6).
10. For a plate tectonic event you have studied, explain the place specific causes of the event (6).

11. For a UK extreme weather event you have studied, assess the effectiveness of the responses (6).
12. For a tropical storm you have studied, assess the impacts of the event (6).
13. For a tropical storm you have studied, evaluate the responses to the event (8).

UK in the 21st Century:

1. Give two problems that a high-density population may cause (2).
2. Describe the pattern of rainfall across the UK (2).
3. Describe one impact of the UK's rising population (2).
4. Explain the characteristics of the UK's population using the Demographic Transition Model (4).
5. Give two impacts of the UK's aging population (2).
6. Describe how the UK's economy has changed since 2001 (3).
7. Explain the term 'economic hub' (2).
8. Explain the UK's role in international organisations (4).
9. With reference to a UK city, explain how its ethnic diversity has changed over time (6).
10. Assess the success of one conflict the UK has been involved in globally (6).
11. Assess the success of UK media in promoting the UK worldwide (6).
12. 'The UK's global significance is declining'. Do you agree? Discuss (6)

Distinctive Landscapes:

1. Describe the differences in land use across the UK (3).
2. Explain one process of mechanical/physical weathering you have studied (4).
3. Explain the processes of slumping and rotational slip (4).
4. Explain the processes of erosion in a river (4).
5. Explain the formation of a waterfall (4).
6. Explain the processes of transportation along a coastline (4).
7. Explain the formation of a coastal spit (4).
8. Explain the formation of a coastal arch (4).
9. Explain the formation of an ox-bow lake (4).
10. Explain the formation of a floodplain (4).
11. For a named UK river basin, assess the effectiveness of management strategies employed there (6).
12. For a named UK coast, assess the effectiveness of soft and hard engineering in reducing coastal processes (6).

Urban Futures:

1. Define the term 'urbanisation' (1).
2. Define the term 'megacity' (1).
3. Give two push factors that lead to rural-urban migration (2).
4. Give two pull factors that lead to rural-urban migration (2).
5. Explain two consequences of rural-urban migration (4).
6. Explain the challenges people face in squatter settlements (4).
7. For an LIDC city you have studied, assess the impacts of rapid urban growth (6).
8. For an AC city you have studied, assess the challenges it faces (6).
9. For an EDC city you have studied, assess the challenges it faces (6).
10. For an AC city you have studied, evaluate the effectiveness of sustainable solutions to urban problems (6).
11. For an EDC city you have studied, evaluate the effectiveness of sustainable solutions to urban problems (6).

Dynamic Development:

1. Give one economic and social indicator of development (1).
2. Describe the global distribution of AC's and LIDC's (3).
3. Explain 2 causes of uneven development (4).
4. Explain 2 consequences of uneven development (4).
5. Explain 2 physical factors that restrict development (4).
6. Explain 2 human factors that restrict development (4).
7. For an LIDC you have studied, assess its success towards the Millennium Development Goals (6).
8. For an LIDC you have studied, assess the importance of Foreign Direct Investment and TNC's to the country's development (6).
9. For an LIDC you have studied, evaluate the usefulness of TNC and its economic importance (6).
10. In relation to an LIDC you have studied, evaluate the effectiveness of a top-down development strategy (8).
11. In relation to an LIDC you have studied, evaluate the effectiveness of a bottom-up development strategy (8).
12. For an LIDC you have studied, assess the importance of global connections to its economy (6).

Resource Reliance:

1. Identify one global resource (1).
2. Describe the distribution of global food supply (2).
3. Explain how mechanised commercial farming impacts the environment (4).
4. Explain how commercial fishing impacts the environment (4).
5. Explain the impacts of damming rivers for water supply on an ecosystem (4).
6. Explain two physical factors affecting food supply (4).
7. Explain two human factors affecting food supply (4).
8. Contrast the beliefs of Boserupian and Malthusian theories on population and food supply (4).
9. Assess the success of a regional scale food security project within an LIDC country you have studied (6).
10. Assess the success of a local scale food security project within an LIDC country you have studied (6).
11. Evaluate the effectiveness of a national scale food security project in an LIDC you have studied (8).
12. Explain the consideration of ethical consumerism in attempts to achieve resource sustainability (8).