

Unit 1 Living with the physical environment

Section A

The challenge of natural hazards

Your exam

Section A The challenge of natural hazards is part of Paper 1: Living with the physical environment.

Paper 1 is a one-and-a-half hour written exam and makes up 35 per cent of your GCSE. The whole paper carries 88 marks (including 3 marks for SPaG) – questions on Section A carries 33 marks.

You need to study all the topics in Section A – in your final exam you will have to answer questions on all of them.

Tick these boxes to build a record of your revision

Your revision checklist

Spec key idea	Theme	1	2	3
1 Natural hazards				
Natural hazards pose major risks to people and property	1.1 What are natural hazards?			
2 Tectonic hazards				
Earthquakes and volcanic eruptions are the result of physical processes	2.1 Plate tectonics theory			
	2.2 Distribution of earthquakes and volcanoes			
	2.3 Physical processes at plate margins			
The effects of, and responses to, tectonic hazards vary between areas of contrasting levels of wealth	2.4 The effects of earthquakes			
	2.5 Responses to earthquakes			
Management can reduce the effects of tectonic hazards	2.6 Living with the risks from tectonic hazards			
	2.7 Reducing the risks from tectonic hazards			
Geographical skills	2.8 Skills Focus: Dispersion graphs			
3 Weather hazards				
Global atmospheric circulation helps to determine patterns of weather and climate	3.1 Global atmospheric circulation			
Tropical storms develop as a result of particular physical conditions	3.2 Where are tropical storms formed?			
	3.3 The formation and structure of tropical storms			
	3.4 How might climate change affect tropical storms?			
Tropical storms have significant effects on people and the environment	3.5 Cyclone Idai – a tropical storm			
	3.6 Reducing the effects of tropical storms			
The UK is affected by a number of weather hazards	3.7 Weather hazards in the UK			
	3.8 Extreme weather in the UK			
Extreme weather events in the UK have impacts on human activity	3.9 The Somerset Level Floods, 2014			
Geographical skills	3.10 Skills Focus: OS map (1:25 000) and photo skills			
4 Climate change				
Climate change is the result of natural and human factors, and has a range of effects	4.1 What is the evidence for climate change?			
	4.2 What are the natural causes of climate change?			
	4.3 What are the human causes of climate change?			
Managing climate change involves both mitigation (reducing causes) and adaptation (responding to change)	4.4 Managing climate change – mitigation			
	4.5 Managing climate change – adaptation			
Geographical skills	4.6 Skills Focus: Graphs and charts			