



Rugby
School

Geography

Sixth Form Examination 2015

Mark Scheme

Sixth Form Specimen Examination Mark Scheme - Geography

SECTION A

All Questions are compulsory

1. Use the picture of Mount Ontake and draw a labelled sketch of the scene. You should highlight features that suggest an eruption. (5 Marks)



Mark scheme = 1 mark for a sketch that follows the outline of the image.

1 mark for each relevant feature – likely reference is to ash and the thickness of the ash, roads blocked, houses covered, weight of ash on roofs.

The annotation should be clear and link to the idea of the eruption.

Without link to eruption, max 3 can be scored.

2. Use the information below to suggest what has been ejected from the Volcano and why 31 people died. (5 marks)

The sudden eruption of Mount Ontake was described by people at the foot of the volcano as sounding like “thunder”, with those caught in the descent of ash recounting how volcanic rocks fell on them “life hailstones”.

The volcano spewed large plumes of gas and ash into the sky as it erupted unexpectedly around noon on Saturday, completely covering the surrounding area in a thick layer of the powdery grey and white ash.

At least 31 people are believed to have been killed by the eruption, with their bodies found by rescue teams on Sunday. Japanese custom dictates that a death cannot be confirmed until a formal examination has been made.

Mark scheme

Level marked – pupils would be scored on content and quality of argument. Issues with SPG and clarity of argument can drop a candidate within their level.

A01 (1-3 marks)

Candidate states straight from the document. Facts are given and vague reference may be made to why each of these facts has killed people.

A02 (4-5 Marks)

Candidate mentions everything erupted from the volcano and shows why this would kill people. Higher level candidates may comment on the unexpected nature and that a HIC/MEDC can be caught out by this as it negates their defences and predictions.

3. The Figure below demonstrates Average Losses per Year in Natural Disasters

	Earthquakes	Volcanoes	All Natural Disasters
People Dead	18416	1019	84034
People Injured	27585	285	65296
People made Homeless	239265	15128	4856 586
People affected	1590314	94399	144 million

Estimated Damage (billions of US dollars)

	21.5	0.065	62
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Comment on these figures, and explain the implications of these figures. (5 marks)

Mark scheme

Level Marked

A01 (1-3 marks)

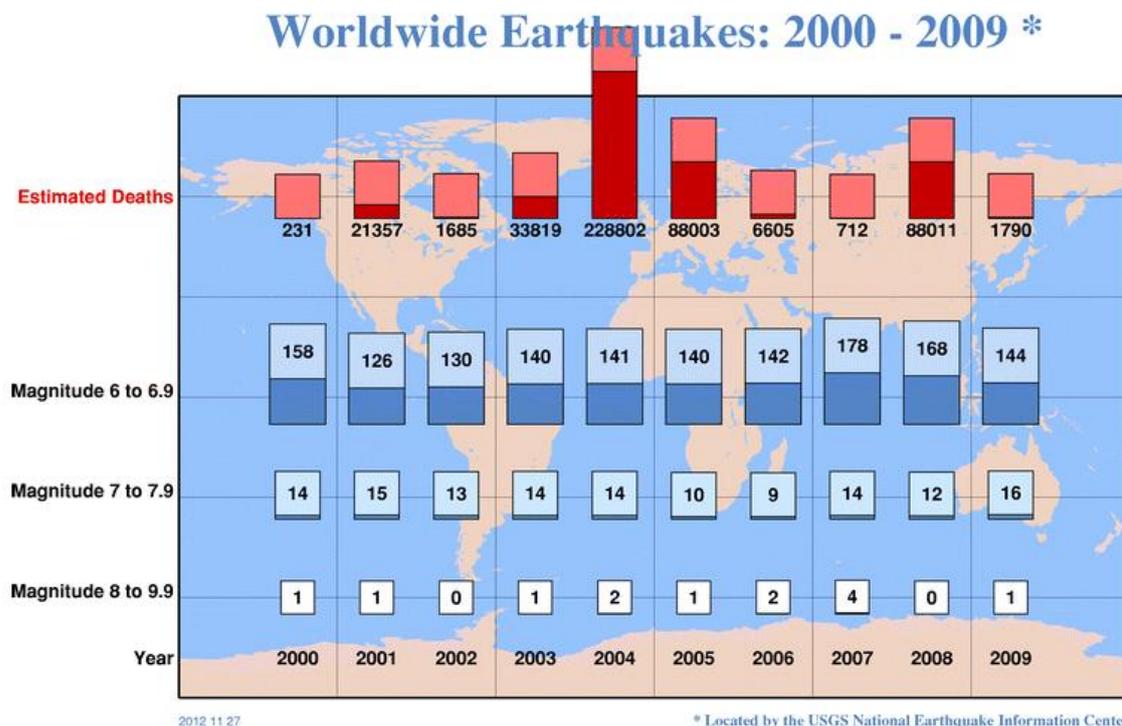
Candidate quotes straight from the table. Numbers are used but implications are not explicit. No overriding hazard pattern is thought of.

A02 (4-5 marks)

Candidate writes with confidence and there is an element of flair. The comment is carried out well with data manipulation (%s etc) but there is clear implications. Earthquakes, volcanoes and natural disasters are all commented upon and links are made to prediction, where people live and why one would be higher than another. Candidates would also think of all disasters and comment upon this.

5 out of 5 is reserved for top scholarship candidates.

4. In terms of Hazards comment on what the data below is showing us. (5 marks)



Mark scheme

Level Marked

A01 (1-3 marks)

Candidates uses numbers to spot an overall pattern from the data.

A02 (4-5 marks)

Candidate fulfils A01 but also spots patterns within the overall trend. Smaller anomalies may be picked up and numbers are manipulated rather than just being quoted.

SECTION B

ANSWER ANY TWO QUESTIONS

QUESTION 1 Physical Geography

(A) How and why are the risk of earthquakes greater in some areas of the world than others?

Or

(B) Explain the differences between a river valley and a glacial valley.

QUESTION 2 Human Geography

(A) The ageing population of Europe presents the greatest population problem of the 21st century. Discuss.

Or

(B) In LICs (Low Income Countries) migration to the cities is more important than natural increase. Discuss.

QUESTION 3 ENVIRONMENTAL GEOGRAPHY

(A) Explain the impacts of Tourism in an environmentally sensitive area.

Or

(B) Nuclear energy could be the new green energy. Discuss.

Section B Mark Scheme

Level Marked

3 skills are looked for and each is marked by three A0 levels.

A01 – case study detail and factual content

A02 – development of an argument and thread throughout the essay.

A03 – Evaluative skills and clear conclusion.

Skills looked for:

A01 – 1-7 MARKS

1-5 marks = case study details are included but there is a lack of depth and a variety are not used.

6 -7 marks = awarded for good clear case study knowledge used in context with the essay title and used in a helpful way.

A02 – 1-9 MARKS

1-4 = Introduction is used but the paragraphs may seem separate and there may not be a clear flow throughout the whole essay.

5 -9 = candidate writes with confidence, there is a flair to the writing. Candidate links paragraphs and has an idea of where the essay is heading.

SPG – Candidates may drop marks within a level for poor SPG in A02 section.

A03 – 1-4 marks

Candidate has made a clear conclusion to their essay. The candidate has made evaluative points within the essay and has shown a good understanding of the points that they have written about.

4 out of 4 is saved only for the top academic candidates who are showing an ability to 'think like a geographer'.