



**Rugby
School**

Sixth Form Entrance Examination

Specimen Paper

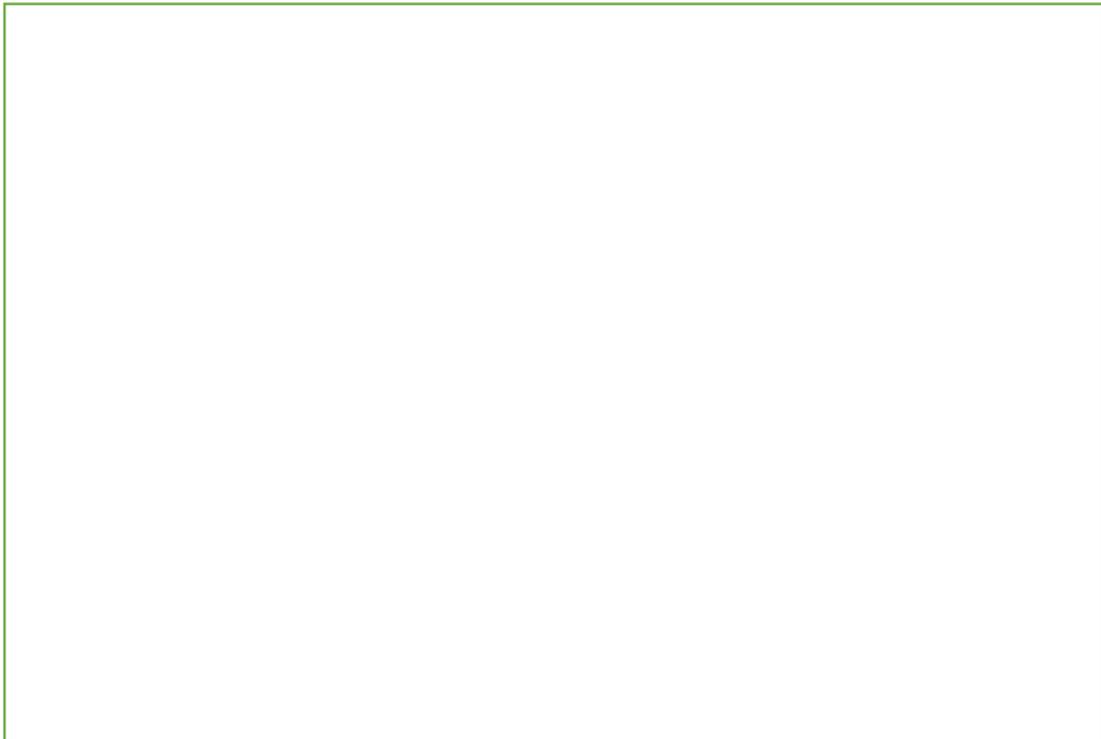
GEOGRAPHY

Time allowed: 60 minutes

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)



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 “like 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.

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

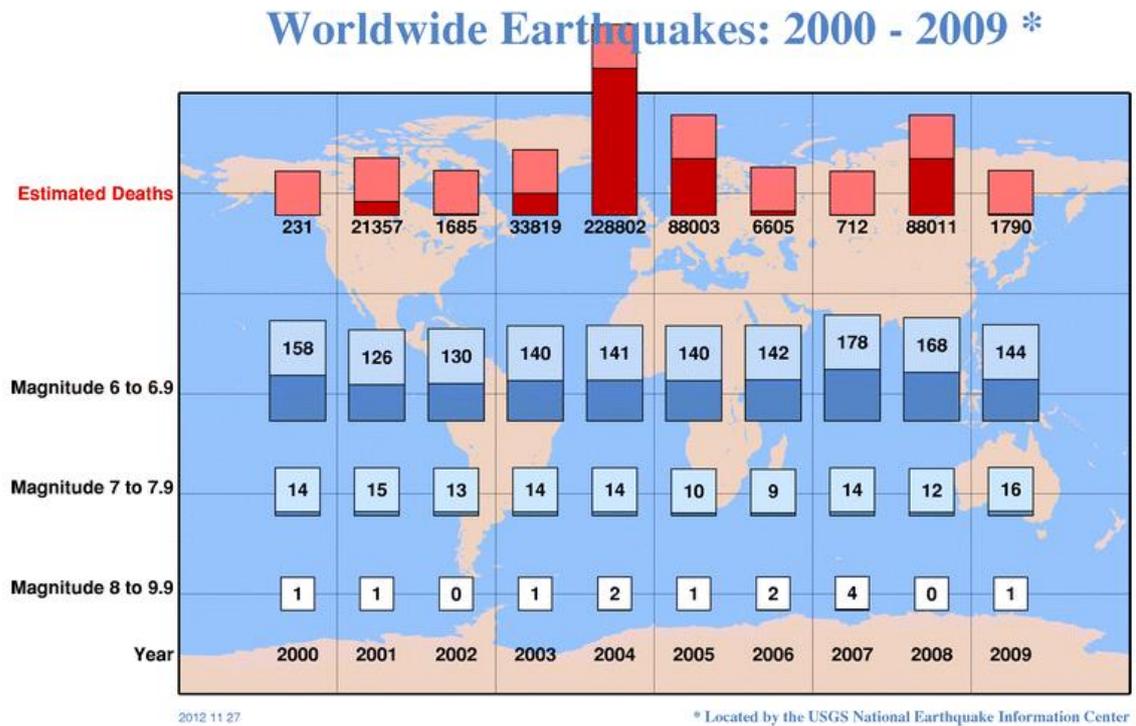
	Earthquakes	Volcanoes	All Natural Disasters
People Dead	18416	1019	84034
People Injured	27585	285	65296
People made Homeless	239265	15128	4856 586
People affected	1590314	94399	144 million

Estimated Damage 21.5 0.065 62

(billions of US dollars)

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

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



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.