

A2 Geography Revision

Past Exam Questions

	Jan 2013	June 2013	June 2014	June 2015
Tectonics Q2	Describe the characteristics of forms of intrusive volcanic activity and explain their formation. (8)	Describe the characteristics, and explain the causes, of tsunamis. (8)	Describe the characteristics, and explain the formation, of deep sea trenches and island arcs (8)	Describe the landforms associated with constructive plate margins and explain their formation. (8)
Tectonics Q3	With reference to examples, discuss the ways in which the nature of volcanic hazards can vary. (10)	With reference to examples, discuss the ways in which seismic hazards can be managed. (10)	Discuss the evidence for tectonic plate movement. (10)	With reference to examples, discuss the ways in which volcanic hazards can be managed. (10)
Tectonics 40M	'Natural disasters are often not natural disasters, but are in fact human disasters.' (AQA Geography student – June 2010) Discuss this statement in relation to seismic events.	Analyse the factors that cause differences in the hazards posed by volcanoes around the world.	'Technology is the best way to reduce the impact of an earthquake.' To what extent do you agree with this view?	'Systems of prediction, preparation and prevention are so well developed, catastrophe is avoidable.' In the context of volcanic hazards, discuss the extent to which you agree with this view.
World Cities Q2	Outline the process of gentrification and describe its effects. (8)	Define the term 'world city' and outline the role of world cities. (8)	Describe the characteristics of one out of town centre retailing area you have studied. (8)	Outline the process of gentrification and describe its effects. (8)
World Cities Q3	Evaluate the success of the redevelopment of one city centre that you have studied. (10)	Using examples, evaluate the relationship between economic development and urbanisation. (10)	Assess the success of either waste management strategies or transport management strategies you have studied. (10)	With reference to one or more urban centre(s), assess the impact of redevelopment on retailing and other services. (10)
World Cities 40M	How successful has the regeneration of urban areas been, given the variety of ways in which it has been undertaken?	Discuss the view that urbanisation in both the developed and the developing world is unsustainable.	To what extent do cities experience the same problems and rely on similar solutions, wherever they are?	Assess the extent to which regeneration schemes have been effective in improving urban areas.
Development Q2	Outline the ways in which aid is given from one country to another. (8)	Outline reasons for the growth of TNCs. (8)	Outline and explain the economic growth that has taken place in China. (8)	Explain how the globalisation of the service sector has affected India. (8)
Development Q3	Critically evaluate the outcomes of globalisation. (10)	Discuss the social, economic and environmental impacts of TNCs on their host countries. (10)	Referring to examples, discuss the impacts of new markets and new technologies on global economic growth in the 21 st century. (10)	Assess the relative impacts of trade and aid on economic development. (10)
Development 40M	'Commerce with all nations, alliance with none, should be our motto.' (Thomas Jefferson) To what extent do you agree with this statement in relation to trade between countries and the groupings of nations?	Discuss the view that countries at very low levels of economic development face issues that are beyond their capability to resolve on their own.	Discuss the role and impacts of transnational corporations in the global economy.	To what extent have the social and economic groupings of nations benefited their populations?

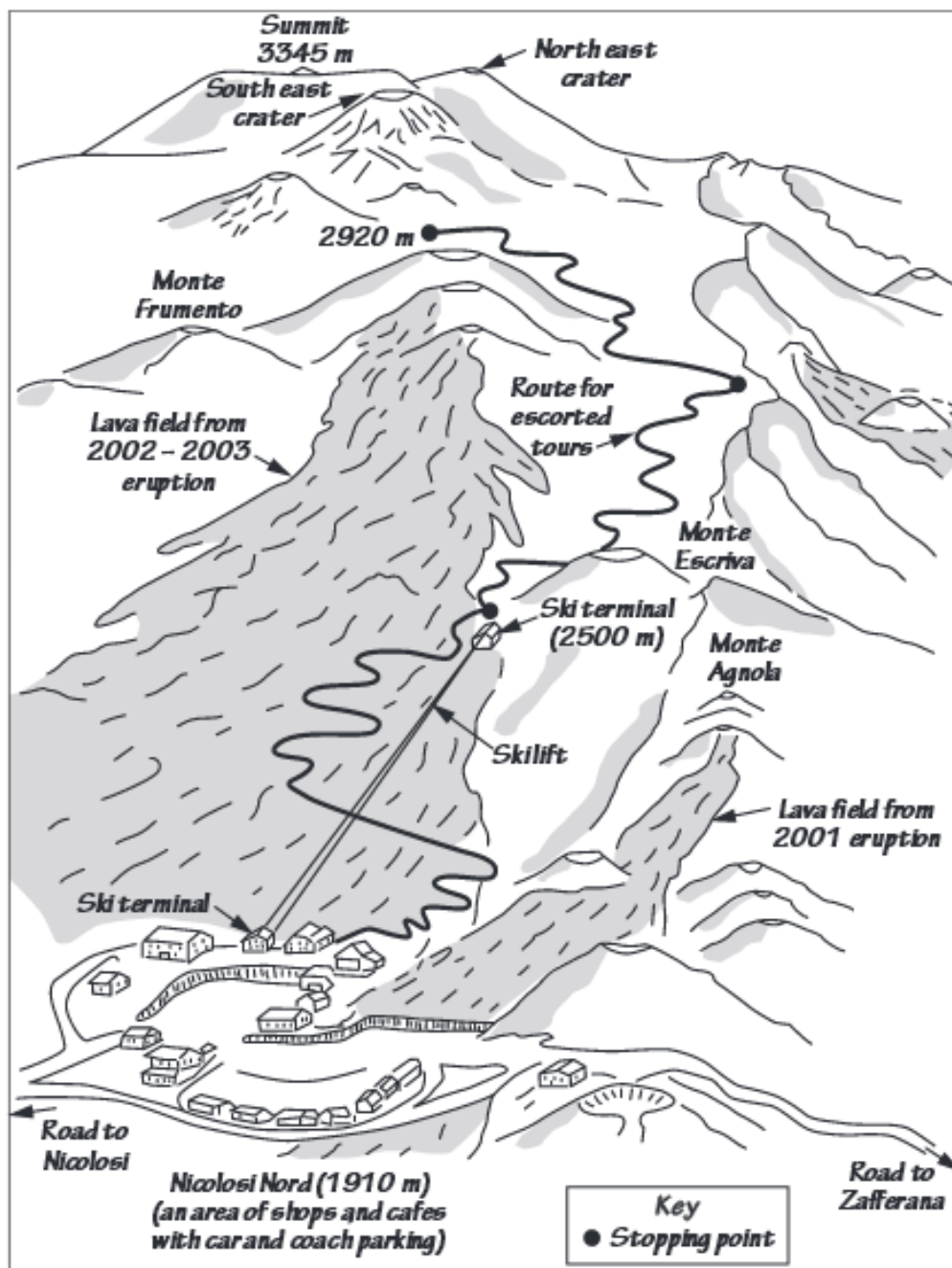
Tectonics Q1 – Jan 2013

Study Figure 1, a sketch of the south facing slopes of Mount Etna, an active volcano in Sicily.

Comment on the management issues that may have arisen and may arise in the area.

(7 marks)

Figure 1



World Cities Q1 – Jan 2013

Study Figure 4, a summary of two concepts relating to characteristics of urban decline in inner city areas.

Comment on how these characteristics may impact on the quality of life for people living in these areas. (7 marks)

Figure 4

The concepts of *Firstspace* and *Secondspace* in relation to urban decline

Two elements of urban places, *Firstspace* and *Secondspace*, are said to exist by some social geographers.

- The *Firstspace* is the built environment – it can be seen.
- The *Secondspace* is the perception of the area – imagined in the minds of the residents.

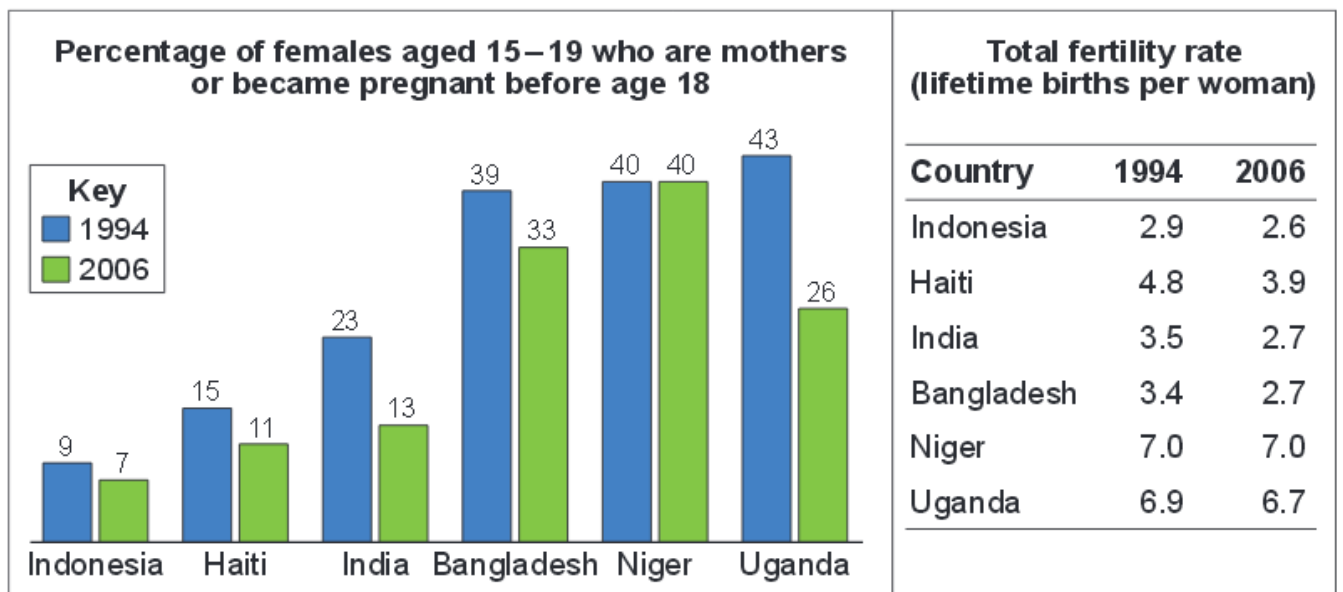
<i>Firstspace</i>	Characteristic of urban decline Derelict buildings Graffiti and 'street art' Shutters on buildings Litter on the streets
<i>Secondspace</i>	Characteristic of urban decline Area of prostitution Centre of illegality 'Forgotten' district Migrant magnet 'No-go' area

Development Q1 – Jan 2013

Study Figure 5 which shows two indicators for fertility in two selected countries in 1994 and 2006.

Comment on the development issue that may be evident. (7 marks)

Figure 5



Tectonics Q1 – June 2013

Study Figure 1 which shows the details of a statistical investigation into the relative magnitude of earthquakes in two countries, Japan and Italy.

Comment on the outcomes of this investigation. (7 Marks)

Null hypothesis: there is no difference between the magnitude of earthquakes in Japan and Italy.

Ten largest Japanese earthquakes (2005 – 2010)		Ten largest Italian earthquakes (1976 – 2010)	
Date of earthquake	Richter Scale	Date of earthquake	Richter Scale
2010	7.4	2009	6.3
2010	7.0	2008	5.2
2009	6.6	2006	5.6
2009	6.9	2004	5.2
2008	6.9	2003	5.0
2007	6.6	2002	5.6
2007	6.9	2002	6.0
2006	7.9	1997	5.6
2005	7.2	1980	6.9
2005	7.0	1976	6.2
	Mean: 7.0		Mean: 5.8
	Range: 1.3		Range: 1.9

These data were analysed using the Mann Whitney U Test. The outcomes were:

$$U_{\text{Japan}} = 3.5$$

$$U_{\text{Italy}} = 96.5$$

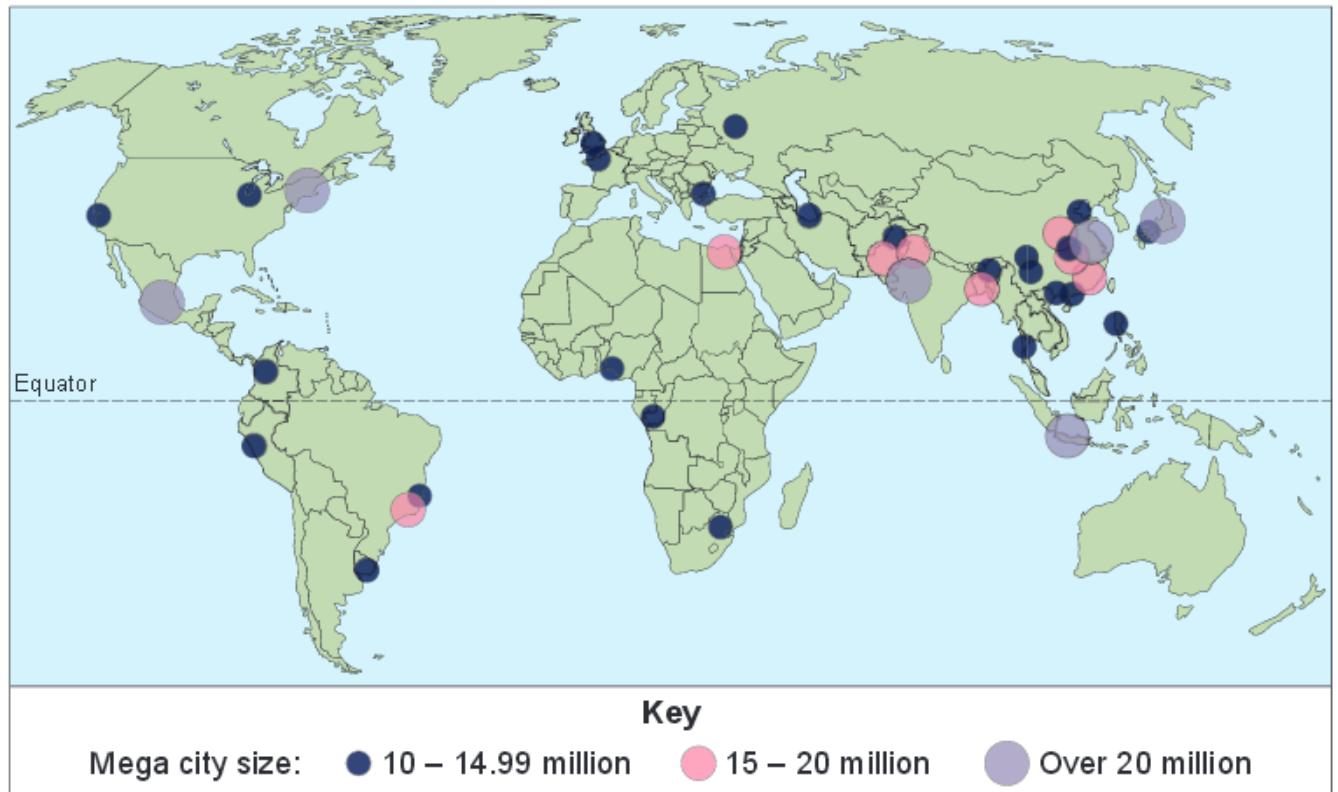
The critical value for U at the 95% confidence level for two samples of ten within the Mann Whitney U Test is 23.

World Cities Q1 – June 2013

Study figure 4 which shows the global distribution of mega cities in 2010

Describe and comment on the distribution shown. (7 marks)

Figure 4

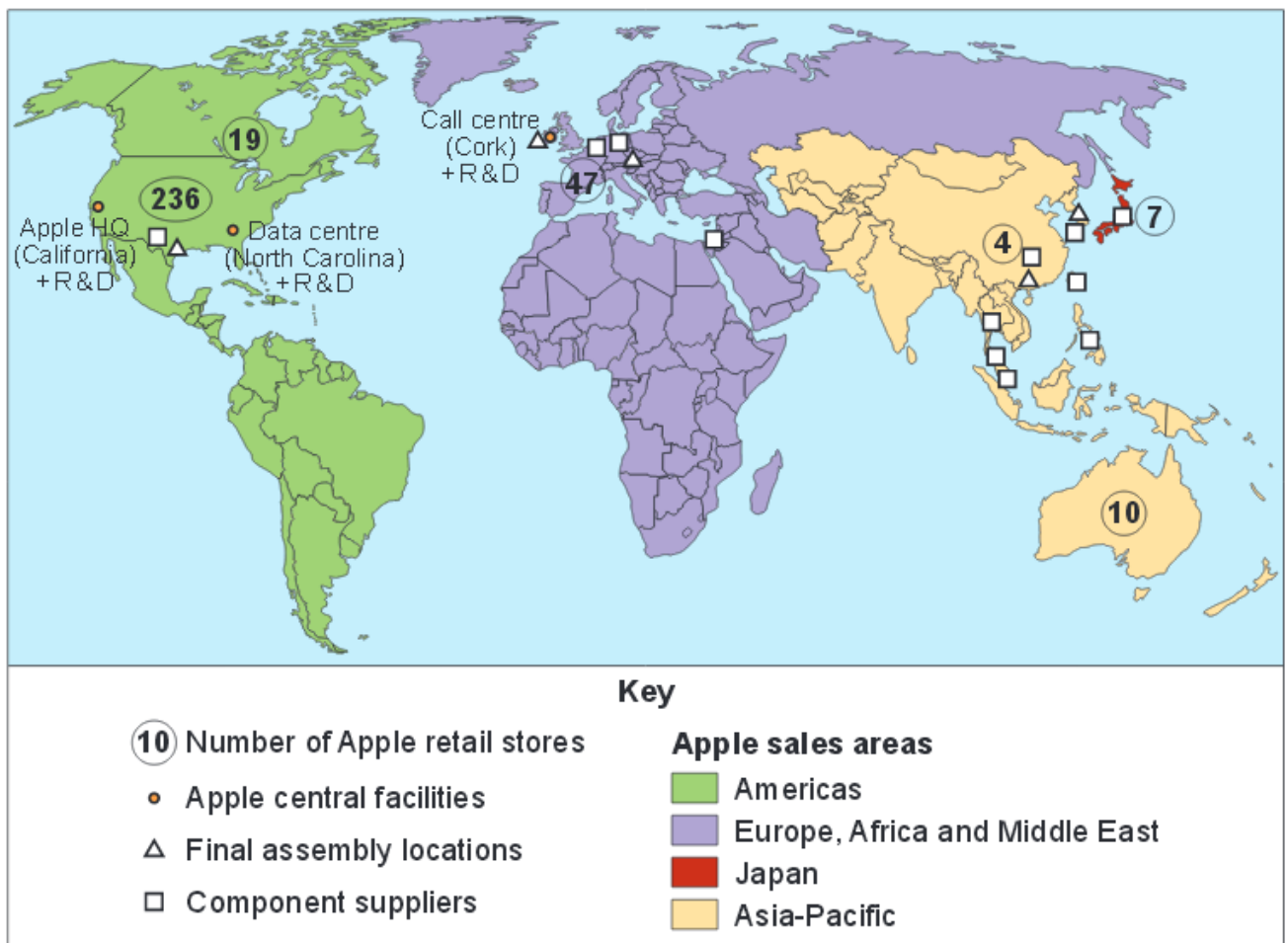


Development Q1 – June 2013

Study Figure 5 Which shows the spatial organisation of the transnational corporation (TNC) Apple in 2010.

Describe and comment on the information shown. (7 marks)

Figure 5



Tectonics Q1 – June 2014

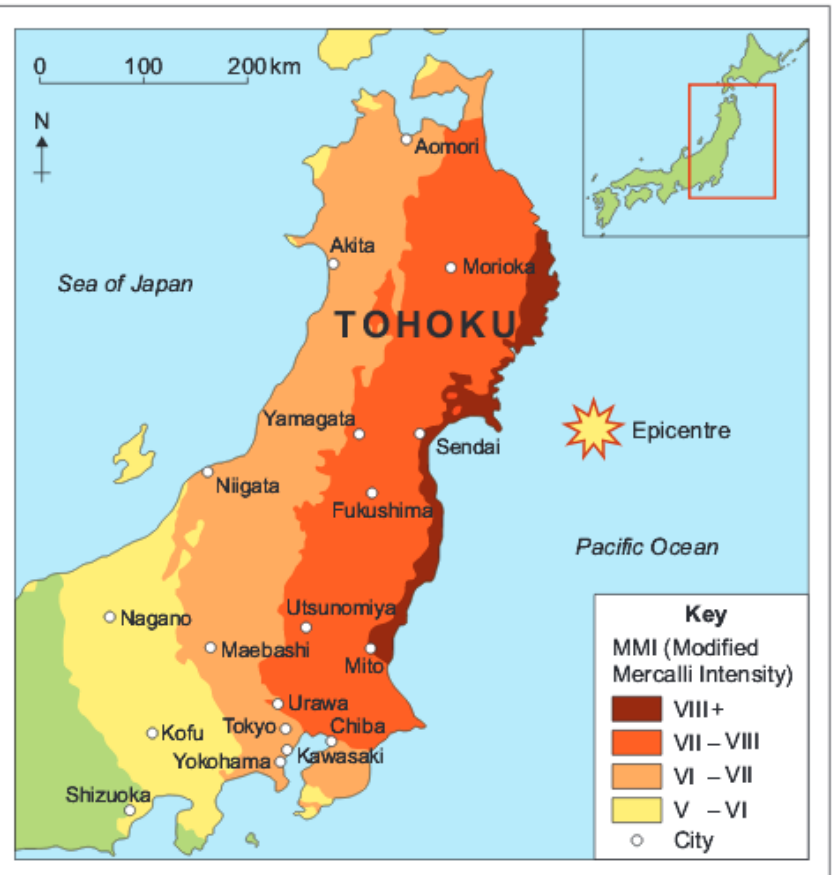
Figures 1a and 1b show information relating to Japan and the Tohoku earthquake, 2011.

Describe the tectonic setting shown in Figure 1a and relate the intensity of the Tohoku earthquake shown in Figure 1b to that setting. (7 marks)

Figure 1a



Figure 1b

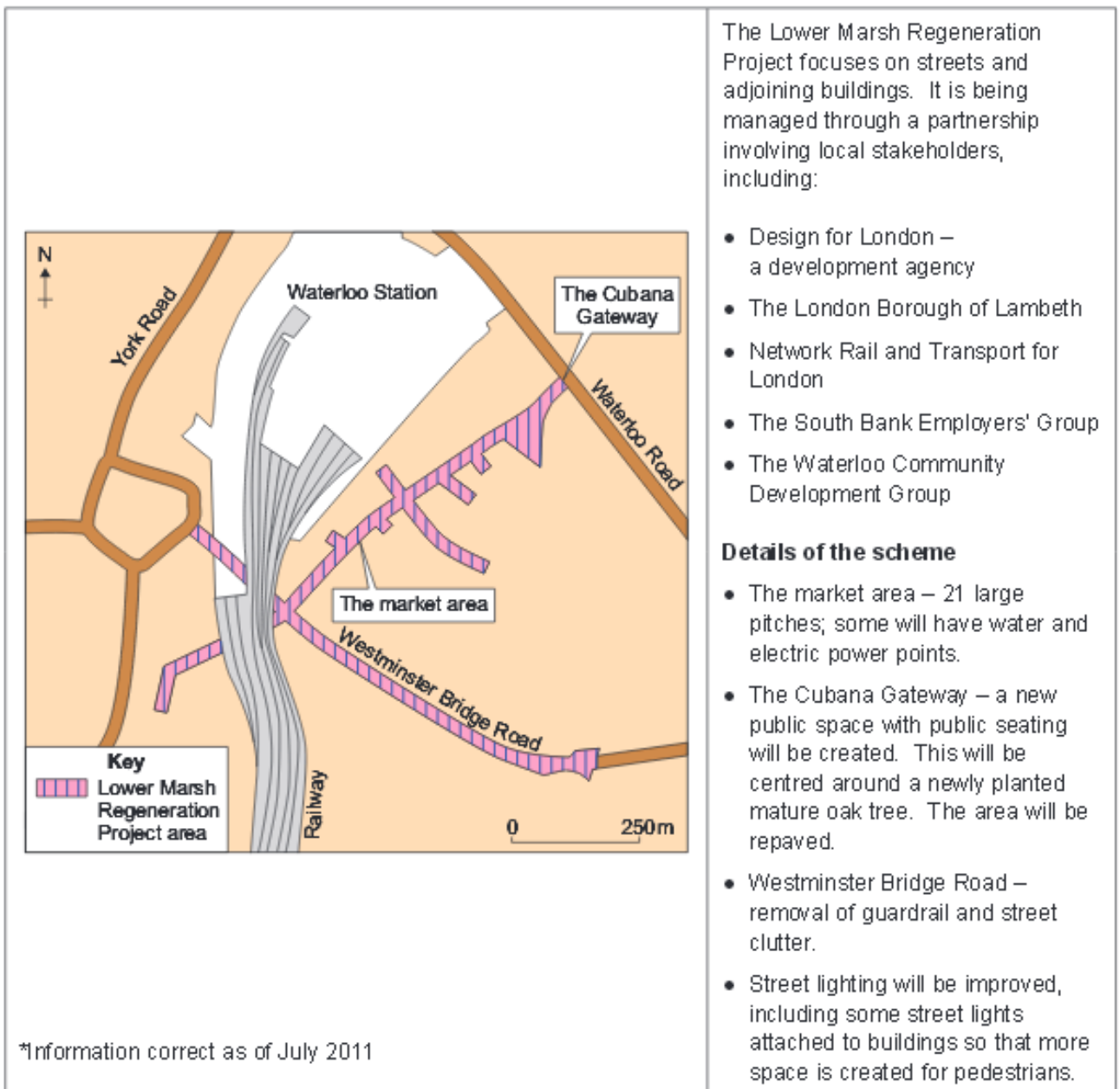


World Cities Q1 – June 2014

Figure 4 shows information on the Lower Marsh Regeneration Project in Lambeth, south London.

Comment on the information shown in Figure 4. (7 marks)

Figure 4



Tectonics Q1 – June 2015

Figure 1 shows the impacts of an ongoing volcanic eruption from Mount Merapi, Indonesia, in October 2010.

Describe and comment on impacts of the eruption shown in Figure 1. (7 marks)

Figure 1

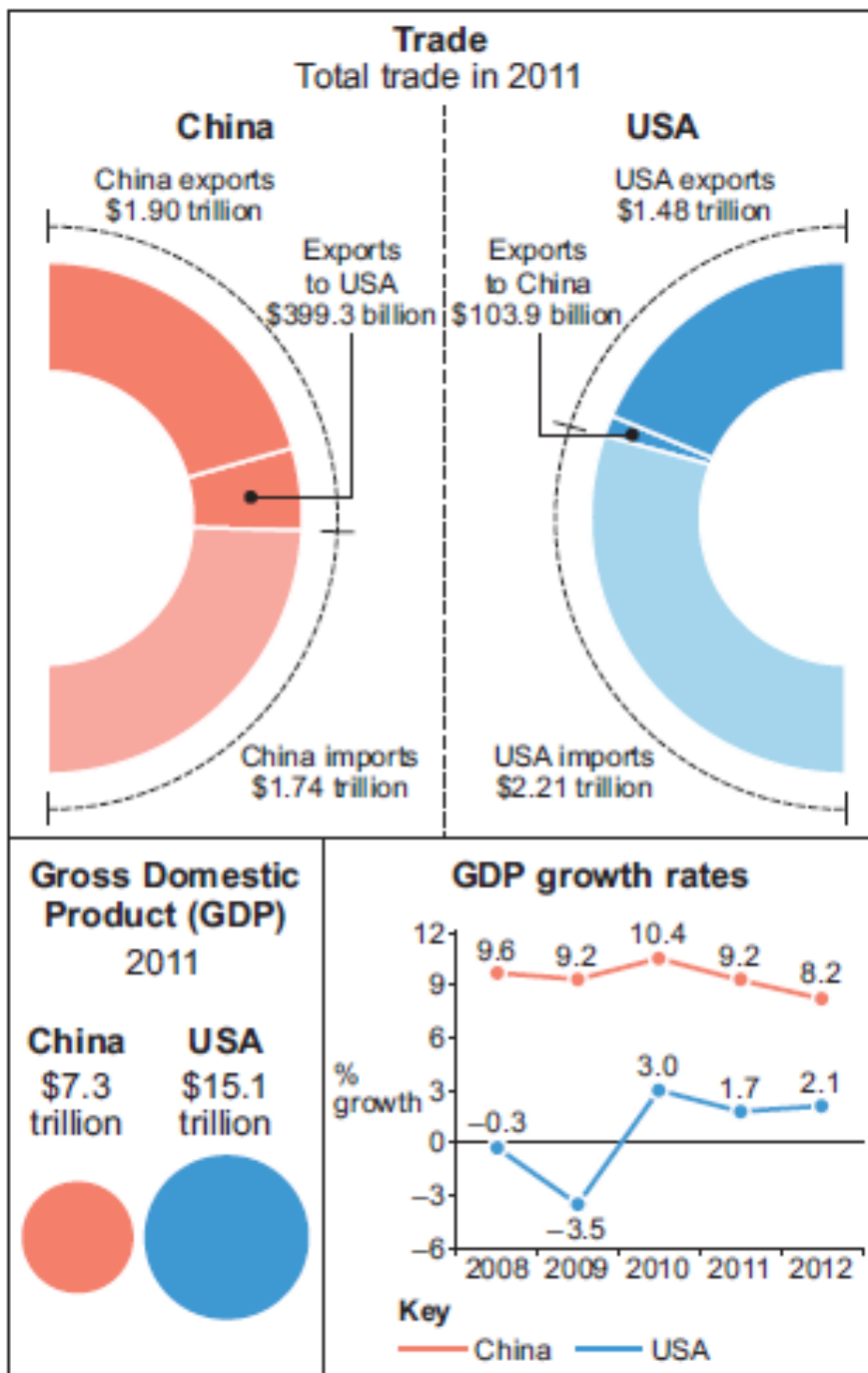


Development Q1 – June 2015

Figure 5 compares key economic data for China and the USA.

Describe and comment on the information shown in **Figure 5**. (7 marks)

Figure 5



Development Q1 – June 2014 and World Cities Q1 June 2015 unable to show due to copyright issues