0 1 Study **Figure 1** which shows the relationship between shaking intensity (measured by the Mercalli Scale) and different types of building structure.

Describe and comment on the information provided. *(7 marks)*

Figure 1

	MERCALLI SCALE				
Type of building structure	**VI (Strong)**	**VII (Very Strong)**	**VIII (Destructive)**	**IX (Ruinous)**	**X (Disastrous)**
Adobe (baked mud and clay)	8	22	50	100	100
Unreinforced masonry	3.5	14	40	80	100
Reinforced masonry (non-seismic design)	1.5	5.5	16	38	66
Steel framed buildings	0.4	2	7	20	40
Reinforced masonry (seismic design)	0.3	1.5	5	13	25

Source: US Geological Survey

The numbers are the percentages of buildings damaged or collapsed.

(Comment means saying something geographical – thinking like a geographer)

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"Physical factors are more important than human factors in determining the impact of a hazard"

To what extent do you agree with this statement? (20 marks)

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