Question	Answer	Marks
3(a)(i)	Graph completion (no need to shade)	1
3(a)(ii)	Ideas such as: (Lack of) shelter; (Shortage of) food. 2 @ 1 mark	2
3(a)(iii)	Ideas such as: People need clean water supply/water to drink/to live/survive/prevent dehydration; Water/sewage pipes/water treatment stations will be cut off/damaged/broken; No running water; People cannot wash/bath/shower; No flush toilets; Sewage will spill out/contaminate (water supplies/area); Disease/germs from dirty/polluted water or people sick from dirty water/waterborne diseases/examples of such as cholera; **Note:** No reserve on clean water/sanitation. 3 @ 1 mark	3
3(a)(iv)	Ideas such as: Build deep/stronger/sturdier foundations/base; Reinforce/use concrete/bricks for buildings/walls/roofs; Use metal/steel/aluminium beams; Use diagonal bracing; Flexible building materials; Use dampers/shock absorbers in base of building; Computers controlled weights/counter balances on roof/weight on roof; Automatic window shutters; Shatter proof/strong/reinforced glass; Use fire resistant materials; Build low building/do not build high rise; Use automatic cutoff for gas pipes/electricity cables; 4 @ 1 mark	4
3(b)(i)	Ideas such as: Clustered; Linear/lines; Close to plate boundaries; Around Pacific Ring of Fire; More in northern hemisphere/North of equator; E.g. South East/Southern Asia; Middle East; Southern Europe; Caribbean/Central America; Western South America; Mediterranean; MAX 1 mark for an appropriate country name. 3 @ 1 mark	3

Question	Answer	Marks
3(b)(ii)	Ideas such as: Some areas have more/bigger/stronger/higher intensity earthquakes; Dependent on <u>proximity to</u> a plate boundary<u>only</u> found on plate boundaries/less deaths <u>away from</u> plate boundaries/no deaths away from plate boundaries; Whether boundary is destructive/conservative/constructive (impacts numbers)/the type of movement taking place at the plate boundary; Some areas are more densely populated/higher population/more live there/higher density buildings; Some countries can invest in earthquake proofing/earthquake proof buildings or examples of – **no** development here; Lack of/quality of rescue services; Quality of health care; Earthquake planning/education about what to do in an earthquake/Earthquake Day or other examples; Monitoring/warning/evacuation <u>planning</u>/creating safe areas (to go to in the event of an earthquake ; Some cause tsunamis; Note: Explanation can refer to areas with high death rates or areas where there are few deaths, <u>no need to be comparative if context is clear.</u> 5 @ 1 mark or development	**5**

Question	Answer	Marks
3(c)	Levels marking Level 1 (1–3 marks) Statements including limited detail which explain the causes of a volcanic eruption. E.g. converging/destructive = L1 plate boundary = L1 Therefore destructive plate boundary = 2 × L1. Level 2 (4–6 marks) Uses named example. (**Note:** Max 5 if no named or inappropriate example) More developed statements which explain the causes of a volcanic eruption. Note: Names of plates is place specific but not L2. Examples Subduction due to heavier plate = L2 Magma rises due to pressure = L2. Level 3 (7 marks) Comprehensive and accurate statements including place specific information. Content Guide: Answers are likely to refer to: Location on plate boundary; Plate movement; Destructive margin or constructive margin processes; Subduction; Pressure; Release of magma; Hot spots; etc. Place specific reference is likely to consist of: Locational details; Specific details of the areas affected/date; Plate names; etc.	7