

QUESTION 7: FOLDS AND FAULTS

- 7.1 Faulting = When rock layers break under pressure✓ **[CONCEPT]** (1x1)(1)
 7.2 C✓ (1x1)(1)
 7.3 Normal displacement is caused by tension / tensile force ✓✓ while reverse displacement is caused by compression / compressive force ✓✓
 OR
 Reverse faulting moves inward / together ✓✓ **upwards** and Normal fault moves outward / away ✓✓ **downwards**
[ANY CLEAR DIFFERENCE] (2x2)(4)
 7.4 Anticline is the upward fold / hill ✓✓ while a Syncline is the downward fold / valley✓✓ (2x2)(4)
 7.5 Compression✓ (1x1)(1)
 7.6 A ✓✓ (1x2)(2)
 7.7 E ✓✓ (1x2)(2)
[15]

QUESTION 8: VOLCANOES

- 8.1 Composite volcano✓✓ (1x2)(2)
 8.2 Magma chamber / batholith✓✓ (1x2)(2)
 8.3 When magma travels up a line of weakness the magma forces rocks in the crust aside and forms an igneous intrusion. This means that the magma takes the place of the existing rocks inside the crust. Intrusive means forced into. The magma chamber / batholith is formed. ✓✓ (1x2)(2)
 8.4 Magma is molten rock in the Earth's crust. ✓
 Lava is when magma flows onto the Earth's surface. ✓ (2x1)(2)
 8.5
 - To eject lava. ✓
 - Not all the lava will be ejected via the main vent. ✓
 - To release steam. ✓**[Any ONE]**
[Accept other LOGICAL answers] (1x1)(1)
 8.6 **Blessing**
 • Geothermal energy is where heat from within the Earth is used to generate electricity. Geothermal energy can be generated in areas where magma lies close to the surface. This is good for increasing our renewable energy use. ✓✓
 • Ash ejected by the volcano acts as a good fertiliser for soils. ✓✓
 • Volcanic ashes (condensation nuclei-formation of rainfall) ✓✓
 • Volcanoes attract many tourists, who enjoy the dramatic scenery that they produce✓✓
Curse (3x2)(6)
 - **Causes damages to homes**
 - **Causes damage to vegetation**
 - **Leads to extinction of plant and animal species**
 - **Creates Air pollution****[Any THREE]**
[Accept other LOGICAL answers]

[13]

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