

- Reverse/moves inwards/along ✓✓ and Normal faulting moves outwards/away ✓✓  
**[ANY OBVIOUS DIFFERENCE]**
- 8.4 Anticline is the upward fold/hill ✓✓ while a Syncline is the downward fold/valley ✓✓ (2x2)(4)  
 8.5 Compression ✓✓ (1x1)(1)  
 8.6 A ✓✓ (1x2)(2)  
 8.7 D ✓✓ (1x2)(2)  
**[15]**

**QUESTION 9: EARTHQUAKES**

- 9.1 P-waves ✓  
 S-waves ✓ (2x1)(2)  
 9.2 Seismograph ✓✓ (1x2)(2)  
 9.3
- Collecting information in areas prone to seismic activity and measuring the stress in the rocks. ✓✓
  - High levels of hydrogen and radon gases in soil may indicate a looming earthquake. ✓✓
  - Animal behaviour change 2 weeks leading up to major earthquakes. ✓✓

**[ANY TWO]****[ACCEPT OTHER LOGICAL ANSWERS]**

(2x2)(4)

8.4	Less developed countries	More developed countries
Early-warning systems	<ul style="list-style-type: none"> <li>Few plans or little information on action to take. ✓✓</li> <li>Lack of warning system ✓✓</li> </ul>	<ul style="list-style-type: none"> <li>People are better informed about what to do during an earthquake. ✓✓</li> <li>Early-warning systems are in place. ✓✓</li> </ul>
Kind of settlement	<ul style="list-style-type: none"> <li>More people live in rural areas – difficult to rescue. ✓✓</li> <li>Buildings in urban areas may be poorly built and collapse easily. ✓✓</li> </ul>	<ul style="list-style-type: none"> <li>Buildings are often stronger and built to withstand earthquakes. ✓✓</li> <li>Infrastructure may be protected by safety systems. ✓✓</li> </ul>
Disaster Management	<ul style="list-style-type: none"> <li>Few plans to inform people on action to take during an earthquake. ✓✓</li> <li>Lack of shelter, food and water leads to more deaths. ✓✓</li> <li>Diseases develop and spread due to bad infrastructure ✓✓</li> <li>People rely on help from other countries</li> </ul>	<ul style="list-style-type: none"> <li>Emergency teams are trained to deal with rescue operations. ✓✓</li> <li>Supplies of food, water, clothes, blankets, etc. are stored for when disaster happens. ✓✓</li> <li>Well-trained medical teams and well-equipped hospitals</li> </ul>

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