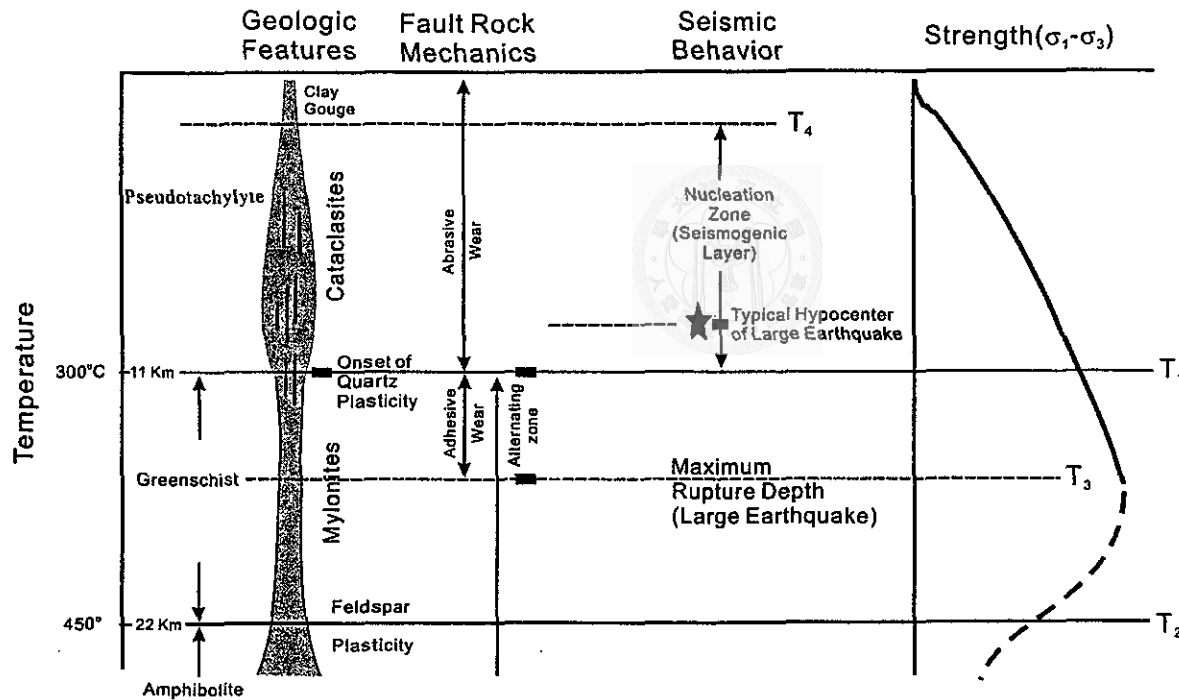


- 解釋名詞 (30 points) : (1) Brittle & ductile, (2) Rake, (3) Dynamic analysis, (4) Rheology, (5) Fault, fault zones and shear zone, (6) Byerlee's law
- Describe stress and strain. (10 points)
- Describe the three modes of cracks. (10 points)
- What are the shear-sense indicators in ductile shear zone? (10 points)
- Explain the deformation style and mechanism with the relationship of geological features, fault rock mechanics, seismic behavior and strength demonstrated by the following figure. (15 points)



- What are the roles of salient and recess on the origin of fold-and-thrust belt curvature (10 points)
- Characterize the different kinds of volcanic arcs and backarc regions of Andean-type and Marian-type. (15 points)

試題隨卷繳回