編號:		·第 頁
1.	How can magnetic polarity reveals be used to determine the timing of past geologic event?	10%
2.	How would you distinguish a chain of islands caused by a hot spot from a chain of islands by a seduction?	10%
3.	Discuss the processes involved in the most important types of mechanical weathering.	10%
4.	Describe two ways that you might be able to determine the uplift rate in a coastal mountain system	8%
5.	List the factors that affect the mass movement.	10%
6.	Define "stream gradient," "strum load," "stream capacity," and "competence."	8%
7.	Describe the steps involved in the growth of a stream meander and formation of an oxbow lake.	8%
8.	What is the effective depth of erosion by surf and what determines this depth?	8%
9.	What geological features would you look for to determine whether a coastal region had experienced emergence or submergence in recent geological past?	10%
10.	What effects are produced by excessive pumping of groundwater?	8%
11.	What geological evidence indicates that the present concentrations of carbon dioxide and methane in the atmosphere are exceptional compared to those of the last several hundred thousand years?	10%