	92學年度國	立成功大學究所招生考試	地球科學系	普通地質學	武題	共第	1	頁頁	
	1.What and ho	w are the two major er	nergy sources that in	ifluence the Earth's surface	features	?	15	%	
	2.Identify the n	najor topographic feati	ures of ocean floor,	and state how they are rela	ted to the	tect	onic 10%		
	3.Describe cros	3. Describe cross stratification, ripple mark and graded layers and discuss their geological significance							
-	4.List the factor	rs that may influence v	weathering and expl	ain how they can influence	weather	ing.	10%	I	
	5. Why can the	presence of water in ro	ock or regolith prom	ote downslope movement	?		5%	I	
	6.List the types of sediment transportation in stream, and discuss factors that influence the behavior of								
	sediment tran	sportation.					10%	ó	

5%

15%

5%

10%

7. Why are sandstones generally better aquifers than siltstones or shales?

9. What is the effective depth of erosion by surf, and what determines this depth?

10. What is the trend of change in atmospheric CO2 concentration during last 140 years. Discuss the

8.List main type of deserts and discuss their origin.

factors that might cause the change.