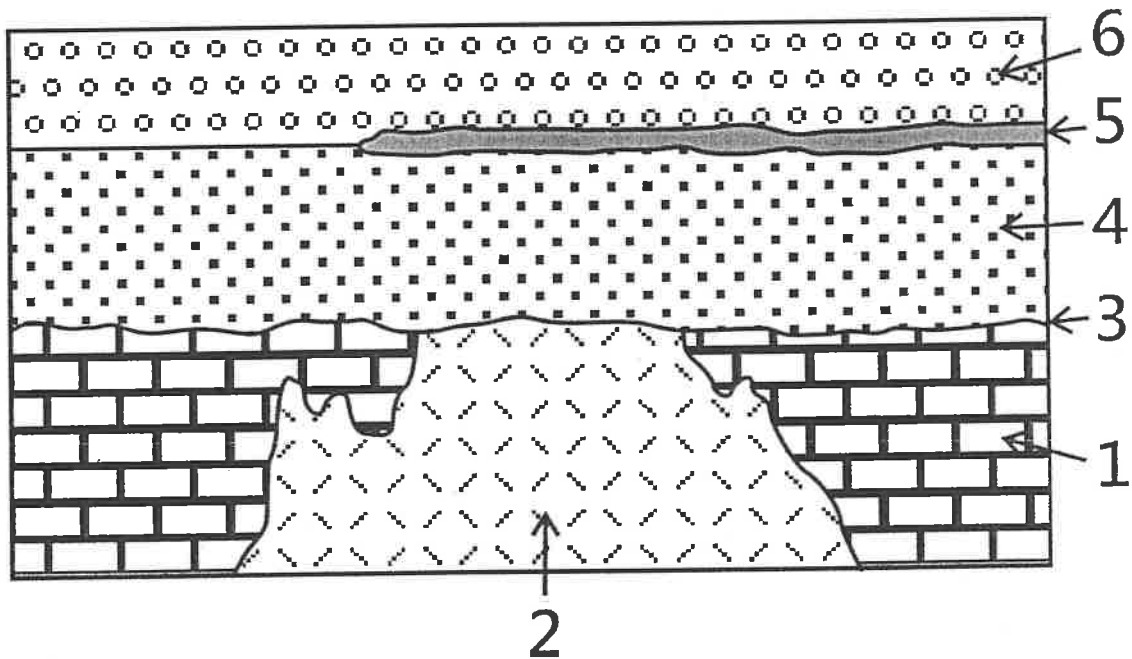


臺灣綜合大學系統 108 學年度學士班轉學生聯合招生考試試題

科目名稱	普通地質	類組代碼	D26
		科目碼	D2692

※本項考試依簡章規定各考科均「不可以」使用計算機 本科試題共計 1 頁

1. Please describe the structure, the mineral, and the chemical compositions of the interior Earth and explain how scientists obtain or infer that? (20 points)
2. Please explain how geologists infer the paleo-latitude and the position of the ancient geomagnetic North Pole in detail? (15 points)
3. Please describe the types of “weathering”, the controlling mechanisms, and its influences to the Earth’s system. (15 points)
4. Please describe the events occurred in the following cross section and sort by time. (1. limestone; 2. igneous rock; 4. sandstone; 5. volcanic flow; 6. conglomerate) (10 points)



5. What is “Mass Extinction Event” and how is that happened? Explain the mechanisms that induce the event in detail. (10 points)
6. What is “Snowball Earth”? Explain how it starts and ends in detail. (10 points)
7. What is “Keeling Curve”? How did the scientist get it? Why does it go up and vary with seasons? (10 points)
8. Please describe and explain the types of oil and gas traps. (10 points)