

القسم/ هندسة النفط	كلية الهندسة - جامعة مصراتة	فصل خريف 2023/2022
الزمن / ساعتان		الإمتحان النهائي لمقرر جيولوجيا عامة
أستاذ المادة/ د. فرج الجابري		التاريخ/ 2023/02/13
رقم الطالب/		إسم الطالب/

أجب عن جميع الأسئلة

Q1. Put true or false?

- 1- Calcium and garnet isn't the most common elements in Earth's crust.
- 2-Gypsum and diamond are harder than the streak plate.
- 3-The rock disintegrates and decomposes because human activities are changing the global climate.
- 4-The most common parent material for sedimentary rocks is igneous rock.
- 5-The most common minerals in detrital sedimentary rocks are pyrite and galena.
- 6-The most common sedimentary rock is sandstone.
- 7-The chemical weathering processes is expansion and contraction from heat.
- 8-Igneous rocks would not experience exfoliation is rhyolite.
- 9-Chemical weathering product is produced from every type of igneous rock is silica anions.
- 10-The most common mineral family, pyrite weathers into sulfuric acid.
- 11-Silicate minerals are most susceptible to weathering is the mafic ones.
- 12-The magma makes the most explosive eruptions is mafic magma.
- 13-Rock form from quiet eruptions is diorite.
- 14-The composition of Earth's atmosphere is 78% H₂O, 21% O, 1% misc
- 15-We have seen no pictures of granite volcanoes because granite is an extrusive rock.
- 16-The type of rock is created by a pyroclastic flow is peridotite or dunite.

8points

Q2. What are the three plate boundaries (use sketches)?

15 points

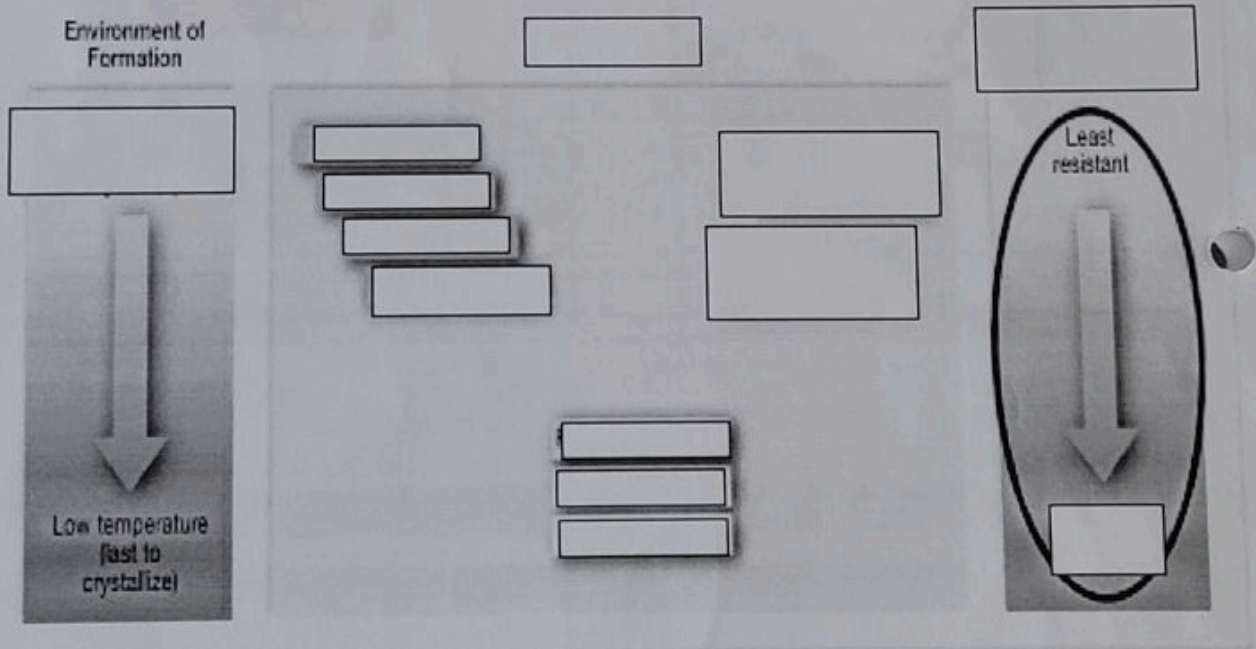
Q3. Complete:

- 1- The transition of one rock into another by temperatures and/or pressures unlike those in which it formed is.....
- 2- Metamorphic rocks are produced from.....
- 4- During metamorphism the rock must remain
- 5- Regional metamorphism occurs during.....
- 6- The most important agent of the metamorphism is.....

6 points

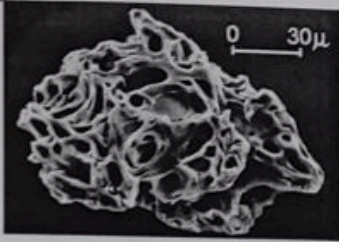





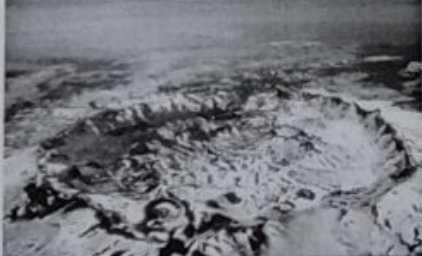
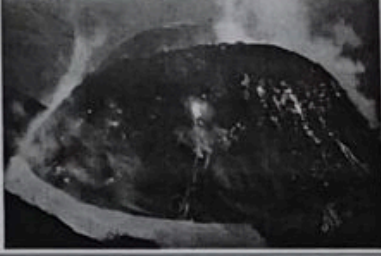
Q4. Fill the missing words of the Bowen's Reaction Series?

Mineral Resistance to Weathering



13 points

Q5. Write down a full descriptive name for the eruption products :

(a)		(b)	
(c)		(d)	
(e)		(f)	
(g)		(h)	

8points

Good Luck!!