

جامعة دمشق

كلية العلوم

قسم الجيولوجيا

امتحانات مقرر اللغة الإنكليزية لطلاب السنة الرابعة (جت) للعام الدراسي
2024-2025 الفصل الأول

1- Translate the following paragraphs into Arabic: 40m

- Hydrocarbons are created by deep burial and heating of organic matter contained within sedimentary rocks . Oil and gas have much lower density than the water that ordinarily fills the pore networks of sedimentary rocks.
- Most geothermal resources are near the boundaries of the earth`s tectonic plates. One of the most active geothermal areas in the world is called The ring of fire, which encircles the pacific ocean.

2- What is the Arabic meaning of :

10m

Fumaroles– Subduction zones –Velocity – Renewable - Mining .

3- What are the factors that may control secondary migration:
10m

4- What is the Landslide:

10m

5- Explain what is the Gravity surveying:

30m

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- Hydrocarbons are created by deep burial and heating of organic matter contained within sedimentary rocks . Oil and gas have much lower density than the water that ordinarily fills the pore networks of sedimentary rocks.
تتشكل الهيدروكربونات بواسطة الدفن العميق والتسخين للمادة العضوية المتواجدة ضمن الصخور الرسوبية. الزيت والغاز لديهم كثافة أقل من كثافة الماء مما يؤدي لإملاء بالترتيب لمسام الصخور الرسوبية.
- Most geothermal resources are near the boundaries of the earth's tectonic plates. One of the most active geothermal areas in the world is called The ring of fire, which encircles the pacific ocean.
معظم موارد الحرارة الأرضية هي بجانب حدود الصفائح التكتونية للأرض. واحد من أهم أنشط. المناطق الحرارية الأرضية في العالم يدعى حلقة النار والذي يحيط بالمحيط الهادي.

2- What is the Arabic meaning of :

10m

Fumaroles-- Subduction zones --Velocity -- Renewable - Mining .
التعدين - متجددة- السرعة- نطاقات الانغراز- نفثات

3- What are the factors that may control secondary migration: 10m

Buoyancy-Capillary forces- Crustal movements- Faults- Fracturing.

4- What is the Landslide:

10m

Is a mass movement of material, such as rock earth or debris, down a slope. They can happen suddenly or more slowly over long periods of time.

5- Explain what is the Gravity surveying:

30m

Measures variation in the earth's gravitational field caused by differences in the density of subsurface rocks.

It is in fact the variation of the acceleration due to gravity that is measured.

It involves measuring acceleration due to gravity at different points.

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