

Practical Geology of Iraq evaluation

Fill the following blankets:

- 1-The first dominant carbonate rocks unit crops out in Iraq was..... Formation.
- 2-The depositional environment of Sarmord Formation is
- 3-The first tectonic event of the Triassic was events (separation of East and West Gondwana).
- 4-Qamchuqa-Ranya Subzone is belonged to Zone.
- 5- The oldest formation deposited in the Unstable platform during Triassic period was..... Formation.
- 6..... and Zones are belong to Miogeosyncline.
- 7-The first formation deposited in the Jurassic age in Kurdistan region was..... Formation.
- 8- The depositional environment of Sarmord Formation is Formation.
- 9-The equivalent of Chia Zairi Formation in the Stable Shelf is Formation.
- 10- The first formation deposited of the Triassic age in the Geosyncline was Formation.

Answer of the following:

- 11-What is the possible reason of decreasing and disappearance of structural and topographical complex toward SE of Iraq?
- 12-What is the equivalent of the Mulussa and Zor Hauran formations in the Kurdistan area?
- 13- Why our conclusion about basement in Iraq mainly based on the geophysical information?
- 14- What happen at the northern basin with the beginning of Cretaceous tectonically?
- 15- List formations that deposited in southern and central of Iraq during Albian cycle? (In ascending order).
- 16-What is first tectonic event in Triassic period and what it caused later?
- 17-What is the reason of repeating *hiatus* (Non- deposition) in Paleozoic record?

- 18- Why our conclusion about basement in Iraq mainly based on the geophysical information?
- 19- Tectonically Iraq divided to three main parts, mention them?
- 20- What is the Paleozoic formations in the Unstable Shelf?
- 21- List formations that deposited in southern and central of Iraq during Albian cycle? (In ascending order).
- 22- List the Paleocene Formations in the Kurdistan region of Iraq in ascending order.
- 23- Write briefly about the the K-T boundary in Iraq.
- 24- What is the main event in Paleocene-Eocene boundary in Iraq?
- 25- What is the main differences between Khurmala and Sinjar Formations?
- 26- What is the main differences between Aqra and Bekhme Formations?
- 27- Why Kometan Formation regarded as reservoir in northern Iraq?
- 28- Why Pila Spi Formation regarded as good aquifer in Kurdistan region?
- 29- What is the main similarity between Jeribe and Govanda Formations?
- 30- List the formations that exposed in the road from Erbil to Shaqlawa in ascending order?
- 31- What is the reason of the red color of mudstones of Gercus Formation?
- 32- Why the Avana Formation lensed in the Gercus Formation in the area from Koya to Shaqlawa?
- 33- What is the reason of occurring evaporites in Lower Fars (Fatha Formation)?
- 34- What is the dominant lithology of Upper Fars (Injana Formation)?
- 35- What is the main depositional environment of Injana Formation?
- 36- What is the main differences between Lower Bakhtiari and Upper Bakhtiari Formations?
- 37- Why Aqra Formation characterized by massive carbonate beds with karstification?
- 38- What is the depositional environment of Kometan , Dukan and Gulnairi formations?
- 39- What is the nature of contact between Pila Spi and Fatha Formations in Erbil area?
- 40- Why Butmah Formation regarded as good cap rock in many oil fields in northern Iraq?
- 41- What is the equivalent of the Butmah Formation in the Imbricated Zone?
- 42- What is the dominant lithology of the Sehkanyian Formation?
- 43- Which Upper Cretaceous Formation characterized by highly Stylolitization?
- 44- Which Upper Cretaceous Formation characterized by pyritization?
- 45- What is the lithology of Hartha Formation?
- 46- What is the main Cretaceous reservoir in the Southern Iraq?
- 47- What is the depositional environment of Baluti Formation?
- 48- Why the Kurra Chine Formation is regarded as source rock?
- 49- What is the depositional environment of Kolosh Formation?
- 50- Mention the Jurassic formations with their depositional environment and main lithologies in Kurdistan region.

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