

## Reservoir Engineering Objective Questions and Answers Pdf

1. In PVT behavior, solution gas liberated from the oil sample remains in contact with the oil surface to establish the equilibrium. The process is known as

- a. flash liberation
- b. integrated liberation
- c. differential liberation
- d. none of the above

Ans: A

2. The contact angle for non-wetting fluid is

- a. more than 90 degree
- b. less than 90 degree
- c. equal to 90 degree
- d. none of the above

Ans: A

3. Capillary pressure is a measure of the tendency of the rock to

- a. suck in the wetting fluid phase and to repel the non wetting phase
- b. suck in the non-wetting fluid phase and to repel the wetting phase
- c. suck in wetting fluid phase and non wetting phase
- d. repel wetting fluid phase and non-wetting phase

Ans: A

4. Capillary force is affected by

- A . surface and interfacial tensions of the rock and fluids
- b. pore size and geometry
- c. wetting characteristics of the system and fluid saturation
- d. all of the above

Ans: D

5. \_\_\_\_ is normally referred for those oils produced from deep reservoirs which occur in the reservoir as liquid and exhibit a large degree of shrinkage when brought to the surface.

- a. Volatile oil
- b, Black oil
- c. Non-volatile oil
- d. None of the above

Ans: A

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