

### Petroleum Production Operations MCQ Questions and Answers

1. The temperature reduction in low temperature separator is obtained by

- a. Joule Thomson Effect
- b. Peltier Effect
- c. Gravity Effect
- d. None of the above

Ans: A

2. In \_\_\_\_\_ light gases are separated due to reduction in pressure?

- a. Flash separation
- b. Differential separation
- c. Both a and b
- d. None of the above

Ans: B

3. An oil emulsion is

- a. A heavy viscous liquid
- b., a heavy viscous liquid containing a large amount of entrained sediment
- c. an oil & water mixture that does not readily separate
- d. a layer of free water located above a heavy viscous petroleum product

Ans: C

4. Which of the following method is used to reduce viscosity and improve flow behavior of heavy crude oil?

- a. Pour point reduction
- b. Heating
- c. both a and b
- d. none of the above

Ans: C

5. Which of the following viscosity method is used for heavy oil transportation?

- a. Dilution
- b. Blending
- c. Emulsification
- d. All of the above

Ans: D

6. Which of the following evaporative emission is associated with motor vehicle tanks?

- a. refueling loss
- b. working and standing storage loss
- c. Breathing loss
- d. Ballasting loss

Ans: A

7. The orifice plate in a gas meter should be installed with the sharp edge

- a. upstream
- b, downstream
- c. parallel to the flow stream
- d. it does not matter

Ans: A

8. The main method of natural gas transportation is

- a. Pipeline
- b. Tankers
- c. Truck
- d. None of the above

Ans: A

9. The factors affecting the flow condition in two phase pipe lines?

- a. Gas liquid ratio
- b. Velocity of gas and liquid
- c. Fluid characteristics
- d. All of the above

Ans: D

10. In what units is a metric tape graduated?

- a. Millimeters
- b. Milliliters
- c. Hundredths of a foot
- d. Percentages

Ans: A

meritnotes.com