

[Oil Refinery Engineering Quiz Questions and Answers Pdf](#)

Question: 1

What type of log could be ran to determine if the primary cementing job was leaking?

- (A) sp log
- (B) neutron porosity
- (C) cement bond log
- (D) gamma ray

Ans; C

cement bond log

Question: 2

Which of the following statements is incorrect about blind rams?

- (A) they can stop the flow from the well if used when the drill string is in the table
- (B) they are designed to close when no pipes is in the hole
- (C) they flatten drill pipe if accidentally used
- (D) a and b

Ans: A

they can stop the flow from the well if used when the drill string is in the table

Question: 3

BOP consists of

- (A) Blind RAM
- (B) Pipe Ram
- (C) Shear RAM

(D) All of the above

Ans: D

All of the above

Question: 4

Hydrocyclones cannot be used alone with weighted mud systems because

(A) their operating cost is very high

(B) they are not effective in removing coarse particles

(C) they are very expensive

(D) their cut off point falls in the particle size range of barite

Ans: D

their cut off point falls in the particle size range of barite

Question: 5

Which of the following bits are recommended for drilling hard formations in the deep section of the well?

(A) diamond bit

(B) pdc bit

(C) roller bit with mill tooth

(D) roller bit with tungsten carbide insert

Ans: A

diamond bit

Question: 6

Which of the following is not a typical cause for a cause for a fishing job?

(A) differential sticking

(B) cementing error

(C) use of oil base mud

(D) swelling zone

Ans: C

use of oil base mud

Question: 7

Which of the following is not a description of fluid flow?

(A) turbulent

(B) plug

(C) plastic

(D) laminar

Ans: C

plastic

Question: 8

Which of the following factors is essential to hole cleaning?

(A) drilling rate

(B) pipe rotation

(C) rheology

(D) flow rate

Ans: C

rheology

Question: 9

The process of directing the well bore along some trajectory to a predetermined target is called

- (A) horizontal drilling
- (B) side tracking
- (C) directional drilling
- (D) none of the above

Ans: C

directional drilling

Question: 10

Which of the following is not the objective of drilling operations?

- (A) drill well in a safe and environmentally sound manner
- (B) minimize non productive rig downtime
- (C) drill a useable hole
- (D) minimize the total well cost

Ans: B

minimize non productive rig downtime

