EXERCISE COILED TUBING EQUIPMENT 3

1. Which of the following statements about reverse circulation are true when working with coiled tubing? (TWO ANSWERS)

   a) Reverse circulation is used whenever we have a mudmotor/bit combination.
   b) Reverse circulation will lift the solids out of the tubing with more ease
   c) Reverse circulation cannot be used when we use normal type of BPVs
   d) Reverse circulation will create lower bottom hole pressures
   e) Reverse circulation is only used when the CT is stuck

2. Which of the following statement is correct regarding the location of hydraulically operated and manually operated valves on short equalizing and bleed off lines, and the choke line that is routed to the choke manifold?

   a) Manual Valve inside, Hydraulic Valve (HCR) outside
   b) Hydraulic Valve (HCR) inside, Manual Valve outside
   c) Hydraulic Valve (HCR) inside, Check Valve in the center, Manual Valve outside
   d) Manual Valve inside, Check Valve in the center, Hydraulic Valve (HCR) outside

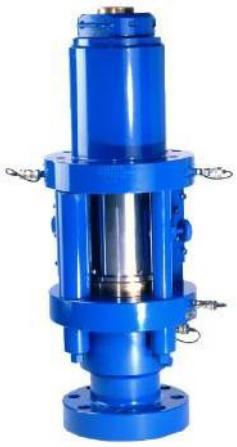
3. What essential precautions should be taken when stripping through an annular BOP? (TWO ANSWERS)

   a) Have the BHA tool diagram available
   b) Closely monitor the annular BOP pressure and weight indicator
   c) Lubricate the tubing
   d) Have a spare Annular Packing available
   e) Set the Stripper in 'retract' mode

4. How do we commonly test the BPVs installed on the bottom of a coiled tubing BHA?

   a) By pumping through the CT and pressure up from below
   b) By using a straight bar with the Pipe Rams closed
   c) By inflow testing after testing the Pipe Rams
   d) By pumping through the kill wing on the Xmas tree

5. In the figure below, how does this stripper energize and seal well pressure when run coiled tubing into the well under pressure?



a) Hydraulic pressure to wellhead port compress packing upward
b) Wellhead pressure will pack off the stripper without hydraulic pressure
c) Hydraulic pressure to wellhead port compress packing downwards
d) Hydraulic pressure applied to the lower bushing compress packing upwards
e) Hydraulic pressure applied to the upper bushing compress packing downwards

6. Does well pressure, if increased, helps to assist the sealing effect of the packing element inside the Side Door Stripper?

a) YES
b) NO

7. What happens when this stripper, in the figure below, is activated?

a) Hydraulic pressure is applied to the lower bushing, which compresses the packer in an upward direction
b) Hydraulic pressure is applied to the upper bushing, which compresses the packer in a downward direction
c) Well pressure will activate/pack the stripper without the aid of hydraulic pressure
d) Hydraulic pressure is applied to the wellhead pressure port, which compresses the packer in an upward direction

10.	b
11.	a, c, d
12.	c
13.	c
14.	a
15.	a
16.	b
17.	a
18.	b
19.	a
20.	c
21a.	Conventional Stripper
21b.	Radial Stripper
21c.	Side Door Stripper

EXERCISE COILED TUBING EQUIPMENT-3	
1.	b, c
2.	a
3.	a, b
4.	c
5.	e
6.	b
7.	a

EXERCISE COILED TUBING EQUIPMENT-4	
1.	d
2.	b
3.	c
4.	a
5.	c
6.	d
7.	a
8.	b
9.	c
10.	b
11.	a, c, e
12.	a, c, d
13.	c
14.	d
15.	d