

Quiz 19

1. A double-acting pump:

- a. has two pistons on the pump end
- b. will always be driven by the steam pistons
- c. has two pistons on the driver end
- d. will have two slide valves
- e. is a positive displacement pump

2. A multi-stage pump would be used when:

- a. the lift is great
- b. a greater volume must be pumped
- c. the head is great
- d. the temperature of the water being pumped is high
- e. there is sufficient boiler room floor space

3. A positive displacement stand by-pump will have the:

- a. vent and drain valves open
- b. suction valve closed and the discharge valve open
- c. suction valve open and the discharge closed
- d. suction valve open and the discharge valve open
- e. suction valve and the discharge valves closed

4. A pump is capable of suction lift due to:

- a. its ability to convert kinetic energy into potential energy
- b. the speed at which it operates
- c. its input power
- d. its size
- e. atmospheric pressure

5. A rotary pump:

- a. is a variety of dynamic unit
- b. never has discharge pulsations
- c. should be equipped with a relief valve
- d. has the highest capacity of any pump
- e. never requires cylinder lubrication

Quiz 19 Answers:

1 = e, 2 = a, 3 = d, 4 = e, 5 = c