Assignment 10

Due on 2020-11-20, 23:59 IST

1. The following symbol represents__________
   - A. Two-directional rotation hydraulic motor with variable displacement
   - B. Two-directional rotation hydraulic motor with constant displacement
   - C. Two-directional rotation hydraulic pump with variable displacement
   - D. Two-directional rotation hydraulic pump with constant displacement
   
   Due on 2020-11-20, 23:59 IST
   
2. The following symbol represents__________
   - A. Four-way valve
   - B. Check valve
   - C. Pilot valve
   - D. Solenoid valve
   
   Due on 2020-11-20, 23:59 IST
   
7. An ideal hydraulic fluid should have__________
   - A. High thermal conductivity and low heat capacity
   - B. High thermal conductivity and high heat capacity
   - C. Low thermal conductivity and low heat capacity
   - D. High thermal conductivity and high heat capacity
   
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4. The following symbol represents__________
   - A. 12 ports 3 position valve
   - B. 12 ports 4 position valve
   - C. 4 ports 3 position valve
   - D. 4 ports 4 position valve
   
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5. Which of the following is used to control the distribution of energy in a fluid power system?
   - A. Flow control valve
   - B. Direction control valve
   - C. Pressure relief valve
   - D. Check valve
   
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6. Which of the following has the locked-actuator condition that the working ports A and B are blocked and the pump port P is connected to the tank port T?
   - A. Buttery valve
   - B. Poppet valve
   - C. Regenerative 4/2 sequence valve
   - D. Tandem centre 4/3 way valve
   
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7. In which of the following actuations, the electro-magnetic force is used to activate operate the valve?
   - A. Pilot
   - B. Direct
   - C. Solenoid
   - D. Case
   
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8. Which of the following uses a rotating disc to control the flow of fluid?
   - A. Butterfly valve
   - B. Plug valve
   - C. Globe valve
   - D. Needle valve
   
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9. Which one of the following 0-3 direct control valve configurations employs the fluid pressure generated at the oil-side of the piston to increase the speed of the piston movement?
   - A. Regenerative configuration
   - B. Steady configuration
   - C. Offset configuration
   - D. Parallel configuration
   
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10. The speed movement in a valve using roller and cam arrangement is an example of__________
   - A. Pilot actuation
   - B. Manual actuation
   - C. Solenoid actuation
   - D. Mechanical actuation
   
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