

By OnlineInterviewQuestions.com

Hydraulic Machines MCQ Test Quiz

Take Hydraulic Machines MCQ Quiz To test your Knowledge

Below are few **Hydraulic Machines MCQ** test that checks your basic knowledge of Electrostatics. This **Hydraulic Machines MCQ Test** contains around 20 questions of multiple choice with 4 options. You have to select the right answer to a question. You can see the correct answer by clicking the view answer link.

Q1. Hydraulic accumulator is a device used for

- A. Increasing the pressure intensity of a fluid
- B. Lifting heavy weights
- C. Storing the energy of the fluid in the form of pressure energy
- D. None of These

Q2. Specific speed of a turbine depends upon

- A. Discharge and power
- B. Speed, power and discharge
- C. Speed, power and heat
- D. Speed, discharge and heat

Q3. Pelton wheels are used for minimum of following heads -

- A. 50
- B. 100
- C. 125
- D. 180 M or above

Q4. Francis turbine is best suited for

- A. High head installation above 180 m
- **B. Low head installation up to 30 m**
- C. Medium head application from 24 to 180 m
- D. None of these

Q5. Which of the following is not a rotary pump

- A. Vane
- B. Gear
- C. Screw
- **D. Axial**

Q6. Which of the following pumps is used for pumping viscous fluids

- A. Centrifugal pump
- **B. Screw pump**
- C. Reciprocating pump
- D. Jet pump

Q7. For small discharge and high heads which pump is preferred

- **A. Reciprocating type**
- B. Axial flow type
- C. Radial flow type
- D. Centrifugal type

Q8. What is the unit of flow rate?

- A. kg/m
- B. kg.m
- **C. m³/s**
- D. None of these

Q9. The difference in the total head of the pump is called _____

- A. Euler head
- **B. Manometric head**
- C. Shaft head

- D. Pressure head

Q10. PHE stands for_____

- A. Pressure Hydraulic efficiency
- **B. Pump Hydraulic efficiency**
- C. Power Hydraulic efficiency
- D. Pump hydraulic engine

Q11. Vertical centrifugal pumps are also called as _____

- A. Multistage pumps
- **B. Cantilever pumps**
- C. Froth pumps
- D. Magnetic pumps

Q12. The impeller is mounted on a _____

- A. Throttle bush
- B. Stuffing box
- **C. Shaft**
- D. Draft tube

Q13. SOH in a pump stands for_____

- A. Shut off heat
- **B. Shut Off head**
- C. Shut off hybrid
- D. Set off head

Q14. SOH in a pump stands for_____

- A. Shut off heat
- **B. Shut Off head**
- C. Shut off hybrid
- D. Set off head

Q15. A multistage centrifugal pump produces a pressure of _____

- A. 150 MPa
- B. 10 Pa
- **C. 21 MPa**
- D. 100 MPa

Q16. What is the common application of multistage centrifugal pump?

- A. Mineral industries
- **B. Boiler feed water pump**
- C. Removes ores
- D. Detects oil

Q17. What is the full form of NPSH in a pump?

- A. Net pressure suction head
- B. Net pressure super head
- C. Non-pressure suction head
- **D. Net positive suction head**

Q18. If we reduce the motor rpm in an impeller, cavitation _____

- **A. Decreases**
- B. Increases
- C. Same
- D. Independent

Q19. Pump is always supported by bearings.

- A. True
- **B. False**

Q20. Pump is always supported by bearings.

- A. True
- **B. False**

Q21. What is necessary for self priming to take place?

- **A. Pump casing**
- B. Draft tube
- C. Suspended solenoids
- D. Turbine head

Q22. The fire clay contains pure -

- **A. Hydrated aluminium silicate**
- B. Lime
- C. Oxide of iron
- D. Magnesium

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