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1. **Hydraulic** accumulator is a device used for

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

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B.Storing the energy of the fluid in the form of pressure energy

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2. Hydraulic intensifier is a device used for.....

- A.Storing energy of a fluid in the form of pressure energy
- B.Increasing pressure intensity of a fluid
- C.Transmitting the power from one shaft to another
- D.None of the above

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B.Increasing pressure intensity of a fluid

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3. **Hydraulic** gradient line (H.G.L.) represents the sum of

- A.Pressure head and kinetic head
- B.Kinetic head and datum head
- C.Pressure head and datum head
- C.Pressure head,kinetic head and datum head

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D.Pressure head,kinetic head and datum head

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4. Total energy line (T.E.L.) represents the sum of

- A.Pressure head and kinetic head
- B.Kinetic head and datum head
- C.Pressure head and datum head
- D.Pressure head,kinetic head and datum head

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D.Pressure head,kinetic head and datum head

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5. Cavitation can take place in case of

- A.Pelton wheel
- B.Francis turbine
- C.Reciprocating pump
- D.Centrifugal pump
- E.Both Francis turbine and reciprocating pump

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E.Both Francis turbine and reciprocating pump

6. Low specific speed of turbine implies it is

- A.Propeller turbine
- B.Francis turbine
- C.Impulse turbine
- D.Any of the above

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C.Impulse turbine

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7. High specific speed of a pump implies it is

- A.Centrifugal pump
- B.Mixed flow pump
- C.Axial flow pump
- D.Any of the above

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C.Axial flow pump

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8. Medium specific speed of a pump implies it is

- A.Centrifugal pump
- B.Mixed flow pump
- C.Axial flow pump
- D.Any of the above

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B.Mixed flow pump

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9. Low specific speed of a pump implies it is

- A. Centrifugal pump
- B. Mixed flow pump
- C. Axial flow pump
- D. Any of the above

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A. Centrifugal pump

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10. Power required to drive a centrifugal pump is proportional to

- A. Seed (N)
- B. N^2
- C. N^3
- D. N^4
- E. $1/N^2$

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C. N^3