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This book Basic Fluid
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scope. This book will be
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Study to fall types of fluids under static, kinematics and dynamic conditions. The study of properties of fluids is basic for the understanding of flow or static condition of fluids. The important properties are density, viscosity, surface tension, bulk modulus and vapor pressure.

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Paper
PUMPS . 1. What is meant by
Pump? A pump is device which
converts mechanical energy
into hydraulic energy. 2.
Define a centrifugal pump .
If the mechanical energy is
converted into pressure

energy by means of centrifugal force cutting on the fluid, the hydraulic machine is called centrifugal pump.

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FLOW THROUGH CIRCULAR CONDUITS . 1. Define viscosity (u). Viscosity is defined as the property of a fluid which offers resistance to the movement of one layer of fluid over

another adjacent layer of the fluid. Viscosity is also defined as the shear stress required to produce unit rate of shear strain.

Important Answers and Solved
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Fluid mechanics is the branch of physics concerned with the mechanics of fluids (liquids, gases, and plasmas) and the forces on them.: 3 It has applications in a wide range of disciplines, including mechanical, civil, chemical and biomedical engineering, geophysics, oceanography, meteorology, astrophysics, and biology. It can be divided into fluid statics, the study of fluids at rest; and ...

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