## TRUE/FALSE

1.	Adhesi	Adhesion enables water to adhere to another body.								
	ANS:	T	PTS:	1	REF:	Fundamental Concepts				
2.	Both d	Both density and specific weight generally vary with the temperature of a material.								
	ANS:	T	PTS:	1	REF:	Specific Weight and Density				
3.	. The specific weight of a liquid is the ratio of its specific weight to that of pure water at a temperature.									
	ANS:	F	PTS:	1	REF:	Specific Weight and Density				
4.	Density refers to the ability of fluid molecules to flow past each other.									
	ANS:	F	PTS:	1	REF:	Viscosity				
5.	All fluids have the same viscosity.									
	ANS:	F	PTS:	1	REF:	Viscosity				
MULTIPLE CHOICE  1. The three forms of matter are generally distinguished from one another by										
1.	a. col		auer ar	e generally dist		bonds between molecules				
	b. hea	at of molecules	1		d.	properties of molecules				
	ANS:	C	PTS:	1	REF:	Fundamental Concepts				
2.	a. we	ic weight is def eight per unit volume per unit n	olume	·	c. d.	weight per unit time volume per unit weight				
	ANS:	A	PTS:	1	REF:	Specific Weight and Density				
3.	a. vo	y is defined as lume per unit v ass per unit vol	-		c. d.	weight per unit volume mass per unit time				
	ANS:	В	PTS:	1	REF:	Specific Weight and Density				
4.	<ul><li>a. abs</li><li>b. der</li><li>c. abs</li></ul>	atic viscosity is solute viscosity nsity divided by solute viscosity solute viscosity	divide y absol multip	ed by density ute viscosity blied by density						
	ANS:	A	PTS:	1	REF:	Viscosity				

5.		ensity	meter m	asures absolute c. stress d. viscosity						
	ANS:	D	PTS:	1 REF	: Viscosity					
COM	PLETI	ION								
1.	Water is assumed to be			for most hydraulic problems.						
	ANS: incompressible									
	PTS:	1	REF:	Fundamental Conce	epts					
2.			eı	nables water to resist	a slight tensile stress.					
	ANS:	Cohesion								
	PTS:	1	REF:	Fundamental Conce	epts					
3.			is a	property of liquids in	which the liquid rises up	or is depressed down a thin				
	tube.	~								
	ANS:	Capillarity								
	PTS:	1	REF:	Fundamental Conce	pts					
4.	The _			of water is generall	y accepted as 62.4lb/ft <sup>3</sup> .					
	ANS: specific weight									
	PTS:	1	REF:	Specific Weight and	Density					
5.	Viscosity can be described as a fluid's resistance to stress.									
	ANS:	shear								
	PTS:	1	REF:	Viscosity						