Quizlet

161	Multiple choice questions
1.	the ability of material to resist the propagation of cracks; it is often identified as the area under a stress-strain graph a. mass b. toughness
	c. stiffness
	d. timber
2.	any measure that has a magnitude only
	a. mass
	b. metals
	c. scalar
	d. screw
3.	an alloy of iron and up to 2% carbon, often with additions of other alloying elements such as manganese, silicon, chromium, nickel and molybdenum
	a. screw
	b. metals
	c. steel
	d. lever
4.	a polymer that can be softened by heating
	a. thermoplastic
	b. thermoset
	c. pearlite
	d. metals
5.	a type of simple machine consisting of a rigid beam pivoting around fulcrum that is used to transmit force
	a. lever
	b. steel
	c. vector
	d. timber
6.	a material containing no, or minimal iron
	a. lever
	b. toughness
	c. polymer

d. non-ferrous

7.	solid materials, typically hard, opaque, ductile, malleable and shiny; they feature good electrical and thermal conductivity			
	a.	lever		
	b.	scalar		
	c.	mass		
	d.	metals		
8.		ganic material consisting of thin-walled tubes made of cellulose; the cellulose 'tubes' are bound together with a glue called lignin		
	a.	lever		
	b.	pulley		
	c.	steel		
	d.	timber		
9.	a me	asure of the amount of matter that an object contains; the unit of this within the SI system is the kilogram (kg)		
	a.	mass		
	b.	timber		
	C.	screw		
	d.	metals		
10.	a for	m of simple machine used to translate rotary motion into linear motion		
	a.	lever		
	b.	screw		
	C.	steel		
	d.	scalar		
11.	-	ise of carbon steel and cast iron consisting of ferrite and cementite formed into distinct layers (or lamellae) on cooling from austenite		
	a.	polymer		
	b.	pulley		
	C.	pearlite		
	d.	metals		
12.	a giant molecule based on carbon			
	a.	polymer		
	b.	pulley		
	c.	lever		
	d.	timber		

13. the resistance of an elastic body to deflation by an applied force

	a.	steel
	b.	stiffness
	C.	toughness
	d.	timber
14.	any n	neasure that has a magnitude and direction
	a.	vector
	b.	metals
	c.	timber
	d.	lever
15. a polymer that can be set by heating but cannot be softened by reheating		
	a.	screw
	b.	thermoset
	c.	thermoplastic
	d.	timber
16.	consi	sts of a wheel and an axle arranged by itself or in conjunction with others to operate as a simple machine
	a.	pulley
	b.	scalar
	C.	polymer
	d.	screw