Quizlet

2

20 Multiple choice questions
materials that do not promote or retard biological interaction a. nitinol
b. bioinert
c. bioactive
d. lever
2. code based on two states such as 'on' or 'off', 'up' or 'down', 'true' or 'false'; if these two states are represented numerically the two options are the digits '0' or '1'
a. ceramic
b. biomedical
c. binary code
d. bioactive
3. a multi-phase material containing phases composed of metals and non-metals, ceramics are typically hard and brittle with good insulating properties
a. aseptic
b. ceramic
c. lever
d. corrosion
4. against germs
a. antiseptic
b. bioinert
c. aseptic
d. bioactive
5. to treat or coat a metal in order to reduce the chemical activity of its surface
a. glass
b. aseptic
c. passivate
d. logic gate
41 10016 Parce

6.		rials usually characterised by certain areas of short-range order; as in crystals, does not exist in amorphous
	a.	amorphous
	b.	nitinol
	c.	glass
	d.	aseptic
7.	a sim	ple machine that can be sued to magnify effort or motion
	a.	lever
	b.	glass
	c.	bioinert
	d.	aseptic
8.	point	about which a lever arm moves
	a.	lever
	b.	fulcrum
	c.	glass
	d.	aseptic
9.		s that act as digital switches in which an output of '0' or '1' is produced; depending on the combinations of these used, various operations can be performed in a circuit
	a.	logic gate
	b.	bioactive
	c.	passivate
	d.	composite
10.	relati	ng to biological and medical systems
	a.	bioinert
	b.	biomedical
	c.	nitinol
	d.	bioactive
11.	circu	its that form multiple pathways or branches that enable a range of separate paths for current flow
	a.	ceramic
	b.	antiseptic
	c.	parallel circuit
	d.	fulcrum

12.	mate	rial that is compatible with biological processes
	a.	bioactive
	b.	biocompatible
	c.	composite
	d.	biomedical
13.	an all	loy of nickel and titanium in almost equal proportions with shape memory properties
	a.	bioactive
	b.	nitinol
	c.	fulcrum
	d.	bioinert
14.	multi	-phase materials formed from a combination of materials, which differ in composition or form
	a.	corrosion
	b.	composite
	c.	logic gate
	d.	passivate
15.		amic produced through the fusing of inorganic materials and cooled to a hard condition without any crystalline ture developing; it is amorphous
15.	struc	
15.	struci	ture developing; it is amorphous
15.	a. b.	ture developing; it is amorphous fulcrum
15.	a. b.	ture developing; it is amorphous fulcrum lever
	a. b. c. d.	ture developing; it is amorphous fulcrum lever glass
	a. b. c. d.	ture developing; it is amorphous fulcrum lever glass ceramic
	a. b. c. d. mate	ture developing; it is amorphous fulcrum lever glass ceramic rials that actively promote biological interaction
	a. b. c. d. mate a. b.	ture developing; it is amorphous fulcrum lever glass ceramic rials that actively promote biological interaction nitinol
	a. b. c. d. mate a. b. c.	ture developing; it is amorphous fulcrum lever glass ceramic rials that actively promote biological interaction nitinol biomedical
16.	a. b. c. d. mate a. b. c. d.	ture developing; it is amorphous fulcrum lever glass ceramic rials that actively promote biological interaction nitinol biomedical bioinert
16.	a. b. c. d. mate a. b. c. d.	ture developing; it is amorphous fulcrum lever glass ceramic rials that actively promote biological interaction nitinol biomedical bioinert bioactive
16.	a. b. c. d. mate a. c. d. castin	ture developing; it is amorphous fulcrum lever glass ceramic rials that actively promote biological interaction nitinol biomedical bioinert bioactive
16.	a. b. c. d. mate a. c. d. castir a. b.	ture developing; it is amorphous fulcrum lever glass ceramic rials that actively promote biological interaction nitinol biomedical bioinert bioactive ag process also known as lost wax casting investment casting

- 18. the principle bone salt Ca(PO4)3OH which provides the compressive strength of vertebrate bone a. hydroxyapatite
 - b. composite
 - c. bioactive
 - d. biocompatible
- 19. without germs
 - a. aseptic
 - b. antiseptic
 - c. lever
 - d. ceramic
- 20. an electro-chemical reaction that results in the conversion of metallic materials into oxides, salts or other compounds, metals that undergo corrosion lose strength, ductility and other important mechanical properties
 - a. composite
 - b. corrosion
 - c. amorphous
 - d. ceramic