Quizlet

2

.5 N	∕lult	ciple choice questions
1.	a che	emical substance that prevents any large changes to its pH if small amounts of acid or base are added
	a.	exothermic
	b.	alkali
	c.	buffer
	d.	dilute
2.	a sub	ostance that can disperse one liquid in another immiscible one
	a.	equivalence point
	b.	esterification
	c.	emollient
	d.	emulsifying agent
3.	a rea	ction where heat is taken in
	a.	endothermic
	b.	dilute
	c.	exothermic
	d.	end point
4.		point reached during a titration when enough base has been added to neutralise the acid or when enough acid been added to neutralise the base
	a.	equivalence point
	b.	emollient
	c.	end point
	d.	emulsifying agent
5.	a sof	tening agent
	a.	dilute
	b.	emollient
	c.	end point
	d.	alkali
6.	an ox	xide that shows acidic properties, but not basic properties
	a.	acidic oxide
	b.	basic oxide

c. acidic salt

d. acid rain

7.	the o	xide of a metal that displays basic properties, but not acidic properties
	a.	acid rain
	b.	basic salt
	c.	basic oxide
	d.	acidic oxide
8	a suh	ostance that, in solution, can produce hydrogen ions
٠.		carboxylic acids
		arrhenius acid
	c.	arrhenius base
	d.	amphiprotic
9.		jor class of organic compounds having the general formula RCOOH where R is an organic group
		carboxylic acids
		acidic oxide
		amphoteric oxide
	d.	arrhenius acid
10.	acid a	and base pairs where the base has one proton less than the acid
	a.	conjugate acid-base pairs
	b.	acid rain
	c.	condensed reaction
	d.	equivalence point
11.	the ra	ate of forward reaction being the same as the rate of reverse reaction in a chemical reaction
		acidic salt
	b.	basic salt
	c.	dynamic equilibrium
	d.	basic oxide
12.		that has a higher concentration of hydrogen ions than pure water
		acidic oxide
		acid rain
	C.	basic salt

d. acidic salt

13.	a chemical reaction in which an organic acid chemically bonds with an alcohol, with the elimination of water
	a. exothermic
	b. dissociation
	c. acid rain
	d. esterification
14.	a substance that can act as both a proton donor and a proton acceptor e.g. H2O
	a. acidic oxide
	b. exothermic
	c. amphiprotic
	d. acid rain
15.	the point during a titration when the indicator changes colour, signalling that the reactants have completely reacte
	a. endothermic
	b. end point
	c. emollient
	d. acid rain
16.	an oxide that shows both acidic properties or basic properties depending on the condition e.g. ZnO
	a. amphoteric oxide
	b. basic oxide
	c. amphiprotic
	d. acidic oxide
17.	a reaction where one of the products is water e.g. esterification
	a. arrhenius acid
	b. concentrated
	c. dissociation
	d. condensed reaction
18.	the process where ions that already exist in an ionic compound are released when that substance dissolves
	a. esterification
	b. acid rain
	c. basic oxide
	d. dissociation

19.	a sub	stance formed when a strong acid is neutralised by a weak base
	a.	acid rain
	b.	acidic salt
	c.	basic salt
	d.	acidic oxide
20.	a sub	stance that, in solution, can produce an hydroxide ion
		arrhenius acid
	b.	acidic salt
	c.	acid rain
	d.	arrhenius base
21.	conc	er soluble compound of the alkali metals (or ammonia) and acts as a strong base producing a high entration of hydroxide ions in aqueous solution
		alkali
		emollient
		dilute
	d.	buffer
22	a sub	stance formed when a weak acid is neutralised by a strong base
۷۷.		
22.		acid rain
22.	a.	
22.	a. b.	acid rain
22.	a. b. c.	acid rain basic salt
	a. b. c. d.	acid rain basic salt basic oxide
	a. b. c. d.	acid rain basic salt basic oxide acidic salt
	a. b. c. d. a rea a.	acid rain basic salt basic oxide acidic salt ction where heat is given out
	a. b. c. d. a rea a. b.	acid rain basic salt basic oxide acidic salt ction where heat is given out endothermic
	a. b. c. d. a rea a. b.	acid rain basic salt basic oxide acidic salt ction where heat is given out endothermic amphiprotic
23.	a. b. c. d. a rea a. b. c.	acid rain basic salt basic oxide acidic salt ction where heat is given out endothermic amphiprotic acid rain exothermic
23.	a. b. c. d. a rea a. b. c. d.	acid rain basic salt basic oxide acidic salt ction where heat is given out endothermic amphiprotic acid rain
23.	a. b. c. d. a rea a. b. c. d. a solution	acid rain basic salt basic oxide acidic salt ction where heat is given out endothermic amphiprotic acid rain exothermic ution containing a relatively small amount of solute
23.	a. b. c. d. c. d. a rea a. b. c. d. a solu a. b.	acid rain basic salt basic oxide acidic salt ction where heat is given out endothermic amphiprotic acid rain exothermic ution containing a relatively small amount of solute buffer
23.	a. b. c. d. a rea a. b. c. d. a solu a. c.	acid rain basic salt basic oxide acidic salt ction where heat is given out endothermic amphiprotic acid rain exothermic ution containing a relatively small amount of solute buffer dilute

- 25. a solution containing a relatively large amount of solute
 - a. acid rain
 - b. concentrated
 - c. dilute
 - d. emollient