Quizlet

9 1	Mult	ciple choice questions
1.	a sol	ution that has an accurately known concentration
	a.	titration
	b.	spectator ion
	c.	standard solution
	d.	neutralisation
2.	a sol	ution of known composition and concentration used during titrations
	a.	refluxing
	b.	titrant
	C.	indicator
	d.	titration
3.	an o	xide that displays neither acidic nor basic properties e.g. CO, N2O and NO
	a.	neutralisation
	b.	weak acid
	C.	neutral oxide
	d.	neutral salt
4.		com or a group of atoms in all members of a homologous series that bestows certain chemical and physical erties onto the group
	a.	functional group
	b.	homologous
	c.	indicator
	d.	neutral oxide
5.	bure	mmon technique of volumetric analysis in which a standard solution of one reagent is added little by little from a tte to a second reagent whose concentration is to be determined until the end point is reached
	a.	titrant
	b.	titration
	c.	indicator
	d.	neutralisation
6.		ution in which the acid is ionised only to a small extent
	a.	weak acid

b. indicator

c. titration

d. strong acid

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7.	volat	ocess of heating a reaction mixture in a vessel with an upright cooling condenser attached, preventing to tile reactants and products and allowing a higher temperature for the reaction refluxing	he loss of
		titrant	
		titration	
		weak acid	
8.		ies or family of similar carbon compounds differing in their number of -CH2- groups but containing the tional group	same
	a.	indicator	
	b.	homologous	
	c.	titration	
	d.	hydrolysis	
9.	a sol	ution in which the acid is effectively 100% ionised and/or dissociated	
	a.	hydrolysis	
	b.	weak acid	
	c.	strong acid	
	d.	neutral oxide	
10.	a sul	ostance that indicates when the concentration of a chemical species has passed a certain pH by a changur	ge in
	a.	weak acid	
	b.	titrant	

- c. titration
- d. indicator
- 11. a principle that states that if a system at equilibrium is disturbed, the system tries to adjust itself so as to minimise that disturbance
 - a. Le Chatelier's principle
 - b. neutralisation
 - c. neutral oxide
 - d. functional group
- 12. the system provided by the IUPAC for clearly naming chemicals with an explicit or implied relationship to the structure of compounds
 - a. IUPAC nomenclature
 - b. functional group
 - c. ionisation reaction
 - d. indicator

13.	the reaction between an acid and a base to produce salt and water only
	a. neutral salt
	b. neutral oxide
	c. neutralisation
	d. titration
14.	the reaction between a molecular substance and water producing ions
	a. neutralisation
	b. strong acid
	c. ionisation reaction
	d. titration
15.	a quantitative analysis of solutions having unknown concentration of some chemical, though the volume of the solution is known, by adding a reagent of known concentration until a reaction end point is reached
	a. volumetric analysis
	b. neutral oxide
	c. neutral salt
	d. hydrolysis
16.	a substance formed when a strong acid is neutralised by a strong base or when a weak acid is neutralised by a weak base
	a. titrant
	b. neutralisation
	c. neutral salt
	d. neutral oxide
17.	a reaction with water
	a. hydrolysis
	b. homologous
	c. refluxing
	d. neutral salt
18.	a substance of relatively high purity and stability that a solution of accurate concentration can be made from by direct weighing of a pure and dry chemical e.g. sodium carbonate
	a. primary standard
	b. neutral salt
	c. weak acid
	d. titrant

- 19. an ion present in solution and does not take part in the reaction, there to preserve charge neutrality
 - a. neutralisation
 - b. indicator
 - c. titration
 - d. spectator ion