

PPSC Chemistry Part IV Analytical Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following is not an adsorption indicator.	A. Eosin B. Bromocrsol green C. Fluorescein D. Phenolphthalein
2	Which property is used in volumetric methods of analysis.	A. Density B. Viscosity C. Volume D. Molar volume
3	Which of the following is not strong electrolytes.	A. HCI B. H2SO4 C. HNO3 D. CH3COOH
4	An indicator for an acid base titration is a	A. Weak acid B. Weak base C. Strong acid D. Strong base E. Both A and B
5	The process of identifying the component present in a sample is called.	A. Quantitative analysisB. Qualitative analysisC. Volumetric analysisD. Gravimetric analysis
6	Which of the following salt is not used in salt bridge to minimize liquids junction potential.	A. KCI B. NH4CI C. KNO3 D. CaCl2
7	Which of the following radical is not a member of IV group.	A. Mg ²⁺ B. Co ²⁺ C. Ni ²⁺ D. Mn ²⁺
8	The point at which the reaction is observed to be complete is called.	A. The equivalence point B. The end point C. The triplet point D. The equilibrium point
9	Which of the following method is based on the solubility difference between the analyte and the unwanted components.	A. Distillation B. Complex formation C. Electrodepostion D. Precipitation
10	The proper number of significant figures in the number 0.0780 is.	A. 3 B. 1 C. 4 D. 2
11	Which of the following technique is used to separate substance of high molecular weight of different charges.	A. Dialysis B. Electrophoresis C. Solvent D. None of the abvoe
12	Which of the following techniques is used for cleanup of samples prior to introduction into chromatographic column.	A. Paper chromatography B. TLC C. Solvnent extraction D. Solid phase extraction E. Both C and D
13	The term accuracy refers to how near the observed value is to.	A. Mean value B. Low value C. True value D. Standard value E. Both C and D
14	Yellow green flame is observed with	A. Calcium salt B. Barium salt C. Strontium salt D. Sodium salt
		A. 1 -10 mg or < 50 ml

15	Which of the following quantity is correct for micro analysis.	B. 10-20 mg or > 50 mL C. 50-100 mg or < 100 mL D. None of above
16	The theoretical plate in chromatography is represented by how many equilibrium step	A. One B. Two C. Three D. Four
17	If the values of standrd deviations for the first and second method differ, then which of the following test helps one to know whether this difference is significant.	A. Student's test B. F-Test C. Chi square test D. Standard deviation
18	Which of the following cells is used to produce electricity from chemical reaction	A. Electroytic cell B. Galvanic cell C. Voltaic cell D. Fuel cell E. Both C and D
19	Which of the following test to used to find out whether the observed data differ significantly from the one obtained from theoretical distribution.	A. Chi square test B. F -Test C. Student's test D. Coefficient of variance
20	Beer's law is followed in	A. Flame photometry B. Atomic absorption spectrophotometry C. Mass spectrometry D. Potentiometry