

PPSC Chemistry Part IV Analytical Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following devoice is used to measure potential difference between celctrodes.	A. Polarimetre B. Conductometer C. Voltmeter D. Photometer
2	Which of the following fuel is used in flame photometry.	A. Hydrogen gas B. Acetylene gas C. Methane D. Propane E. All above
3	Dull red flame is observed with	A. Calcium salt B. Barium salt C. Strontium salt D. Sodium salt
4	Which of the following functional groups is not involved in ion exchange chromatography.	A. Weak acids B. Strong acids C. Strong bases D. Carbohydrates
5	The absorbance is directly proportional to the path length in the flame and to the concentration of atomic vapor in flame is a statement of.	A. Lambert's law B. Beer's law C. Honery's law D. Starke law
6	Which of the following analytical method is based on scattering of radiation.	A. Emission spectroscopy B. Colorimetry C. Turbidimetry D. Polarimetry
7	Which of the following detector is used for compounds containing electronegative atoms.	A. Mass specdtrometer B. ECD C. TCD D. UV-detector
8	Which of the following is not a component of a gas chromatography system.	A. Carrier gas B. Capillary column C. Packed column D. Cathode lamp
9	Which of the following techniques is used to separate a mixture of cations.	A. GC B. FPLC C. lon exchange chromatography D. Size exchange chromatography
10	Which of the following techniques is used for the separation of macromolecules polymers.	A. Size exclusion chromatogrphy B. TLC C. GLC D. HPLC
11	Which of the following adsorption indicator is used for any of the halides at pH.	A. Fluorescein B. Eosin C. Thorin D. Rhodamine 6 G
12	Which of the following statement is not true with respect to electrode potential.	A. Feasibility of a chemicals reaction B. Rate of chemical reaction C. Nature of a chemical reaction D. Free energy of a chemical reaction
13	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
14	Gravimetric method is based on which of the following property.	A. Volume of a liquid B. Volume of gas C. Mass of substance D. Viscosity
15	The pH of 0.01 N NaOH is.	A. 12 B. 13 C. 14

		D. 11
16	Suppose a sample is analyzed for a particular constituent by two different method One can tell whether the two average values are significantly different by applying which of the following test.	A. Student's test B. F test C. Chi square test D. Variance
17	Which of the following technique in current voltage technique	A. Amperometry B. Voltammetry C. Poteatiomertry D. Polarography
18	Which of the following techniques involves ion exchange phenomenon.	A. Size exclusion chromatography B. lon exchange chromatography C. GLC D. HPLC
19	Which of the following analytical method is based on the rotation of light ratiation	A. Refractomerty B. Polarimetry C. Interformetry D. Polarography
20	A mixture containing S2- and SO4 ions on trating with dil HCl will produce	A. H2S gas B. SO2 gas C. H2S and SO2 gas D. CO