

## MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	The cell which converts electrical energy to chemical energy is called	A. Electrochemical cell B. Voltaic cell C. Galvanic cell D. Down's cell
2	Which of the following alpha-Amino acids has basic R-group	A. Proline B. Glutamic acid C. Histidine D. Valine
3	The standard reduction potential of Zinc is	A. 0.76V B. 0.34 C0.34V D0.76V
4	Transition compounds which occur as tripositive ions have no	A. 4s-electron B. 3p-electron C. 3s-electron D. 2s-electron
5	Cotton has cellulose in it:	A. 96% B. 97% C. 98% D. 99%
6	A polymeric substance that is formed in the liquid state and then hardened to a liquid solid us called as:	A. Fibre B. Plastic C. Varnish D. Polyamide resin
7	The energy from ultraviolet light is sufficient to break the bonds in CCI,F	A. CI-CI B. C-CI C. CI-F D. C-F
8	Phenol can be diatingushed from ethyl alcohol by all of the following reagents except	A. lodoforrn test B. Na C. Br2 /H2O D. NaOH
9	A pollutant affects	A. Human affects     B. Quality of life     C. Functioning of ecosystem     D. All of these
10	Which is most acidic?	A. H2O B. C2H5OH C. C4H9OH D. CH3-CH2-CH2OH
11	which of the following is not a symmetrical ketone	A. 4-heptanone B. Butanone C. Propanone D. 3-pentanone
12	Suspended matter is settled in purification of water by:	A. aeration B. coagulation C. chlorination D. treatment
13	Amino acids react together to form the primary structure of proteins which is accompanied by	A. addition of water     B. addition of ammonia     C. removal of ammonia     D. removal of water
14	When light is exposed to transtion element, then electrons jump from lower orbitals to higher orbitals in	A. Orbitals of s-subshell     B. Orbitals of d-subshell     C. Orbitals of p-subshell     D. between different shells
15	In esterification, the OH of carboxylic acid is replaced by	A. OR+ B. R+ C. OR D. R

16	The carbon atom of an alkyl group attached with halogen atom is called	A. Electrophile B. Free redical C. Nucleophile D. Nucleophilic centre
17	Which one of the following is not an alicyclic compound?	A. Cyclohexene B. Cyclohexane C. Benzene D. Cyclopentane
18	Part of fresh water consumed in industry is:	A. 1% B. 2% C. 69% D. 23%
19	Primary, secondary aad tertiary alcohols can be identified and distinguished by	A. Lucas test B. lodoform test C. Baeyer's test D. Silver mirror test
20	The destruction of the biological nature and activity of proteins by heat or chemical agent is called:	A. Dehydration B. Oxidation C. Denaturation D. Polymerization