

MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following does not give flame test?	A. Li B. Ba C. Mg D. Sr
2	Which of the following is an application of electrochemical series	A. Prediction of the feasibility of chemical reaction B. Calculation of the cell voltage C. Prediction of reaction of metal with dilute acid D. All of the above
3	Which of these polymers is a synthetic polymer	A. Starch B. Animal fat C. Polyester in an addition polymer D. Cellulose
4	Industrial materials and thermal power stations are coated by	A. PVC B. Polyester C. Epoxy resin D. PVA
5	Ozone is most of the tropical regions acts as a pollutant and causes	A. Damages to eyes B. Aggravates asthma C. Chest discomfort D. All of these
6	Liquid ammonia has become an important fertilizer for direct application to soil. It contains _____ nitrogen.	A. 46% B. 82% C. 14% D. 17%
7	If a polymer has mass 63000, and the molar mass of repeating unit is 63 what is its degree of polymerization is	A. $10^{>3</sup>}$ B. $10^{>2</sup>}$ C. $10^{>5</sup>}$ D. None of these
8	The starting substance for the preparation of iodoform is any of the following, except	A. $\text{CH}_3\text{CH}(\text{OH})\text{CH}_3$ B. $\text{CH}_3\text{CH}_2\text{OH}$ C. HCH_2OH D. CH_3COCH_3
9	BOD is the oxygen demand with in day(s):	A. Four B. Two C. Three D. Five
10	Ozone layer is present in	A. Troposphere B. Stratosphere C. Mesosphere D. Ionosphere
11	When gaseous chemicals are transported by road or by rail they are classified as follows: flammable non-flammable poisonous which gas is poisonous:	A. butane B. non-flammable C. hydrogen D. sulphur dioxide
12	Helical structure of proteins is stabilized by	A. Peptide bond B. Dipeptide bond C. Van der Waals forces D. Hydrogen bonding
13	Which of the following would react with ozone in the atmosphere?	A. F B. Cl C. O ₂ D. O
14	Which of the following is a steroid?	A. vitamin A B. vitamin B C. vitamin C D. vitamin D
15	The Complete oxidation of ethanol produces first Ethanal than	A. Ethanal B. Propanone C. Ethanoic acid

		D. Benzoic acid
16	Which of the following are characteristics of oxidizing smog?	A. It is yellow brownish grey haze B. It has unpleasant odour C. Its main reactant are nitric oxide & unburnt hydrocarbon D. All of the above
17	Which one of the following is not a component of environment:	A. biosphere B. stratosphere C. hydrosphere D. lithosphere
18	The B.P of glycerine at 760 torr pressure is	A. 200°C B. 290°C C. 250°C D. 262°C
19	If the concentration of salt is greater than the acid in buffer solution, then the	A. pH = pKa B. pH = pKb C. pH > pKa D. pH < pKb
20	A molecule of polysaccharide hydrolysis produces _____ molecules of:	A. 2 B. 3 C. 2-10 D. 100