

## MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Polar ice caps and glaciers consists total earth water:	A. 1% B. 2% C. 3% D. 4%
2	Ricket is caused due to the deficiency of vitamin	A. A B. D C. B D. E
3	The alkaline earth metals are called so because they	A. form alkaline solution and are present in earth crust as minerals B. form alkaline solution and are found in nature states C. are present in earth crust D. are present in earth crust as their minerals
4	How temperature affects the electrical conductivity of metals?	A. Does not change at all B. Decreases with increasing temperature C. Increases with increasing temperature D. Decreases with decreasing temperature
5	The most unsymmetrical one in crystal system is	A. triclinic B. Li, Na, K C. monoclinic D. hexagonal
6	How much heat is absorbed by 100 g of water when its temperature decreases from 25°C to 5°C? (heat capacity is 4.2 J/gK)	A. 84,000J B. 2000/4.2J C2000/4.2j D8400J
7	Which of the following is BLOOD iron carrier	A. Haemoglobin B. Albumin C. Transferrin D. Globulin
8	Malt sugar is converted into glucose by an enzyme invertase present in yeast. The process is known as:	A. dehydration B. condensation C. fermentation D. oxidation 
9	All of the following are essential amino acids except	A. Lysine B. Aspartate C. Tryptophan D. Hisitidine
10	Which is not an air pollutant	A. N <sub>2</sub> B. CO C. NO D. N <sub>2</sub> O
11	In the reaction A2 (g) + 4B2 (g) <> 2AB4 (g) such that $\Delta H$ < 0, the formation of AB4(g) will be favoured at	A. Low temperature and high pressure B. Low temperature and low pressure C. High temperature and low pressure D. High temperature and high pressure
12	Water in swimming pools is purified by adding	A. <span style="font-size: 0.95em;">Sodium</span> B. <span style="font-size: 0.95em;">Chlorine</span> C. <span style="font-size: 0.95em;">Phosphorus</span> D. <span style="font-size: 0.95em;">Potassium</span>
13	The elements of group I-A react violently with water and make the solution	A. neutral B. amphoteric C. acidic D. alkaline

Which one of the following is NOT a nucleophile	A. NH2+ B. BF3 C. H2O D. CH3-
Which one of the following compounds is known as tertiary alcohol?	A. 1-Propanol B. 2-methyl-1 propanol C. 2-propanol D. 2-methyl-2-propanol
Which is not mineral of Al?	A. Diaspore B. Corrundam C. Bauxite D. Galena
Water which his considered to be safe for human consumption is known as	A. distilled water B. contaminated water C. potable water D. rain water
What is the morality of a solution containing 15g of urea is 500cm <sup>3</sup> of solution?	A. 1M B. 0.5M C. 2M D. 1.5M
Reason of pollution are:	<ul><li>A. Population and urbanization</li><li>B. Transportation</li><li>C. Industrialization</li><li>D. All of these</li></ul>
Which of the following is not a charbohydrate	A. Nuclic acid B. Starch C. Glycoyen D. Cellulose
	Which one of the following compounds is known as tertiary alcohol?  Which is not mineral of Al?  Water which his considered to be safe for human consumption is known as  What is the morality of a solution containing 15g of urea is 500cm <sup>3</sup> of solution?  Reason of pollution are: