

NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	Which of the following is acidic?	A. SO ₃ B. N ₂ O C. BeO D. HgO
2	Which of the following alcohols cannot be produced by treatment of aldehydes or ketones with NaBH4 or LiAlH4?	A. 1- Propanol B. 2- Propanol C. 2-Methyl-2- propanol D. Ethanol
3	For preparing an alkane, a concentrated aqueous solution of sodium or potassium salt of saturated carboxylic acid is subjected to	A. Hydrolysis B. Oxidation C. Hydrogenation D. Electrolysus
4	The number of electrons in the M shell of the element with number 24 is	A. 24 B. 12 C. 13 D. 8
5	Which of the following reagent cannot be used for preparing alkyl chloride from alcohol?	A. HCl + anhyd. ZnCl ₂ B. NaCl C. PCl ₅ D. SOCl ₂
6	Natural fertilizer provides potassium in the form of K ₂ O (potash)	A. 1.5 kg B. 3 kg C. 4.5 kg D. 6.5 kg
7	The order of reactivity of halogens in aliphatic substitution reactions is	A. Br2 > Cl2 > F2 B. Cl2 > Br2 > F2 C. Cl2 Cl2 > Br2 D. F2 > Br2 > Cl2
8	Which one is not a pollutant normally?	A. Hydrocarbons B. Carbon dioxide C. Carbon monoxide D. Sulphur dioxide
9	An exothermic reaction is one in which the reacting substances	A. Have more energy than the products B. Have less energy than the products C. Have the same energy as the products D. Are at a higher temperature than the products
10	Which of the following is directly related to Qualitative analysis?	A. Identification B. Separation C. Measurement D. Calculation
11	Reaction of ethylamine with chloroform in alcoholic KOH producers	A. CH ₃ OH B. CH ₃ NC C. C ₂ H ₅ NC D. C ₂ H ₅ CN
12	An endothermic reaction is one in which	A. Heat is converted into electricity B. Heat is obsorbed C. Heat is evolved D. Heat is converted into mechanical work
		A. 3d ⁵ B.

13	The valence orbital configuration of an element with atomic number 23 is	size: 14.4444465637207px,">4s ² C. 3d ^{3^{3^{,4s ^{1^{,4s ¹,4p ¹ D. 3d ²,4s ²,4s ²,4s ²,4s ¹,4s 4s 4s 4s4s4s4s4s4s4s4s4s}}}}}
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