

NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	The digestion of fats in the intestines is aided by	A. Diffusion B. Protection C. Peptization D. Emulsification
2	Formic acid is obtained when	A. Calcium acetate is heated with conc. H_2SO_4 B. Calcium formate is heated with calcium acetate C. Glycerol is heated with oxalic acid D. Acetaldehyde is oxidized with K_2CrO_7 and H_2SO_4
3	Heating a mixture of sodium benzoate and soda lime gives	A. Methane B. Benzene C. Sodium benzene D. Calcium benzoate
4	Toluene can be oxidized to benzoic acid by	A. KMnO_4 (alk) B. $\text{K}_2\text{Cr}_2\text{O}_7$ (acidic) C. Both D. None
5	Reaction of acids with alcohols is also known as	A. Esterification B. Saponification C. Alkalization D. None
6	Acetic anhydride is obtained from acetyl chloride by the reaction of	A. $\text{CH}_3\text{COCl} + \text{H}_2\text{O} \rightarrow \text{CH}_3\text{CO}_2\text{H} + \text{HCl}$ B. $\text{CH}_3\text{COCl} + \text{H}_2\text{O} \rightarrow \text{CH}_3\text{CO}_2\text{H} + \text{HCl}$ C. $\text{CH}_3\text{COCl} + \text{H}_2\text{O} \rightarrow \text{CH}_3\text{CO}_2\text{H} + \text{HCl}$ D. $\text{CH}_3\text{COCl} + \text{H}_2\text{O} \rightarrow \text{CH}_3\text{CO}_2\text{H} + \text{HCl}$
7	At room temperature formaldehyde is	A. Gas B. Liquid C. Solid D. None of the above
8	Cannizzaro reaction is not given by	A. Trimethyl acetaldehyde B. Acetaldehyde C. Benzaldehyde D. Formaldehyde