

NAT II Biological Science Chemistry

Sr	Questions	Answers Choice
1	Enzymes are	A. Proteins B. Minerals C. Oils D. Fatty acids
2	Which of the following is not present in RNA?	A. Uracil B. Thymine C. Ribose D. Phosphate
3	The main structure features of proteins is	A. An ester linkage B. An ether linkage C. The peptide linkage D. All
4	Vitamin A is present in	A. Liver B. Milk C. Green vegetables D. All
5	Which of the following as a molecular diseases?	A. Allergy B. Cancer C. German measles D. Sickle cell anemia
6	Which has maximum protein content?	A. Ground nut B. Cow milk C. Egg D. Wheat
7	Ascorbic acid is chemical name of	A. Vitamin D B. Vitamin A C. Vitamin C D. Vitamin B6
8	The digestion of fats in the intestines is aided by	A. Diffusion B. Protection C. Peptization D. Emulsification
9	The reagent which forms crystalline osazone derivation when treated with glucose is	A. Fehling solution B. Phenyl hydrazine C. Benedict solution D. Hydroxyl amine
10	Given below are some statements concerning formic acid, which of them is true?	A. It is a weaker acid than acetic B. it is a reducing agent C. When its calcium salt is heated, it forms a ketone D. It is an oxidizing agent
11	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 $K_2Cr_2O_7$ and H_2SO_4
12	Sulphonation of benzoic acid produces mainly	A. o-Sulphobenzoic acid B. m-Sulphobenzoic acid C. p-Sulphobenzoic acid D. o- and p-Sulphobenzoic acid
13	Heating a mixture of sodium benzoate and soda lime gives	A. Methane B. Benzene C. Sodium benzoate D. Calcium benzoate
14	Toluene can be oxidized to benzoic acid by	A. $KMnO_4$ (alk) B. $K_2Cr_2O_7$ (acidic)

		<p>C. Both</p> <p>D. None</p>
15	Reaction of acids with alcohols is also known as	<p>A. Esterification</p> <p>B. Saponification</p> <p>C. Alkalization</p> <p>D. None</p>
16	Acetic anhydride is obtained from acetyl chloride by the reaction of	<p>A. P_2O_5</p> <p>B. H_2SO_4</p> <p>C. CH_3COONa</p> <p>D. CH_3COCH_3</p>
17	In public urinals, we observe some nascent smell. This smell is due to	<p>A. Hydrolysis of urea of urine by urease of atmosphere into NH_3 and CO_2</p> <p>B. Formation of sulphonic acid by urea of urine</p> <p>C. Reaction of CO_2 of atmosphere with urea mononitrate in urine</p> <p>D. Hydrogen present in air reacts with nitrogen forming NH_3</p>
18	Which of the following alcohols cannot be produced by treatment of aldehydes or ketones with NaBH_4 or LiAlH_4 ?	<p>A. 1-Propanol</p> <p>B. 2-Propanol</p> <p>C. 2-Methyl-2-Propanol</p> <p>D. Ethanol.</p>
19	Calcium acetate when dry distilled gives	<p>A. Formaldehyde</p> <p>B. Acetaldehyde</p> <p>C. Acetone</p> <p>D. Acetic anhydride</p>
20	At room temperature formaldehyde is	<p>A. Gas</p> <p>B. Liquid</p> <p>C. Solid</p> <p>D. None of the above</p>