

NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	Natural fertilizer from plants and animals provide nitrogen	A. 1.5 kg B. 3.0 kg C. 4.5 kg D. 6 kg
2	The last orbit of argon would have electrons	A. 8 B. 18 C. 2 D. 6
3	Bleaching action of bleaching powder is due to the liberation of	A. O ₂ B. OCI ⁻ C. CI ₂ D. CI ⁻
4	On heating acetaldehyde with ammonical silver nitrate solution we get	A. CH ₃ OH B. Silver acetate C. HCHO D. Silver mirror
5	Carbon monoxide is pollutant as it	A. Inactivates nervesB. Inhibits glycolysisC. Combines with oxygenD. Combines with hemoglobin
6	In N.W.F.P the phosphate fertilizer are produced at	A. D.I.Khan B. Haripur C. Nowshera D. Dargai
7	Maximum number of active hydrogens are present in	A. Acetic-acid B. Glycerol C. Methane D. Methanol
8	Ozone is not	A. An allotropeB. A powerful oxidizing agentC. ParamagneticD. A bent molecule
9	The number of oxygen atoms in 4.4 g of CO ₂ is approximately	A. 1.2 x 10 ²³ B. 6 x 10 ²² C. 6 x 10 ²³ D. 12 x 10 ²³
10	Gooch crucible used to filter the solution of	A. H ₂ SO ₄ B. HCI C. KMnO ₄ D. Both B & D.
11	Which of the following has least mass?	A. 2 gram atom of nitrogen B. 3 x 10 ²³ atoms of C C. 1 mole of S D. 7.0 g of Ag.
12	Which is not a colligative property?	A. Osmotic pressureB. Lowering of vapour pressureC. Depression of freezing pointD. Elevation of boiling point
13	Cyclone collector is used for minimizing	A. Radioactive pollutionB. Air pollutionC. Noise pollutionD. Water pollution
14	Which is the most volatile compound?	A. HI B. HCI C. HBr

		D. H ⊦
15	Which one is not a pollutant normally?	A. Hydrocarbons B. Carbon dioxide C. Carbon monoxide D. Sulphur dioxide
16	The IUPAC name of the compound having the formula (CH3) 3 C - CH = CH2 is	A. 1, 1 -Dimethyl-3-butene B. 1,1,1-Trimethyl-3-propene C. 3,3,-Dimethyl-1-butene D. 3,3,3-Trimethyl-1-propene
17	Portland cement is manufactured by using	A. Limestone, clay and sand B. Limestone, gypsum and sand C. Limestone, gypsum and alumina D. Limestone, clay and gypsum
18	ΔH _{Neutralisation} is always	A. Positive B. Negative C. Zero D. Positive or negative
19	Which of the following value of $\Delta H f^\circ$ represent that the product is least stable?	A94.0 kcal mol ⁻¹ B231.6 kcal mol ⁻¹ C. +21.4 kcal mol ⁻¹ D. +64.8 kcal mol ⁻¹ D. +64.8 kcal mol ⁻¹
20	1 mole of CH ₄ contains	A. 6.02 x 10 ²³ atoms of H B. 4 g-atom of hydrogen C. 1.81 x 1023 molecules of CH ₄ D. 3.0 g of carbon