NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	Carbon monoxide is pollutant as it	A. Inactivates nerves B. Inhibits glycolysis C. Combines with oxygen D. Combines with hemoglobin
2	A zero order reaction is one whose rate is independent of	A. Temperature of the reaction B. The concentration of the reactants C. The concentration of the products D. The material of the vessel in which the reaction is carried out
3	A chemical reaction A B is said to be in equilibrium when	A. Complete conversion of A to B has taken place B. Conversion of A to B is only 50% complete C. Only 10% conversion of A to B has taken place D. The rate of transformation of A to B is just equal to rate of transformation of B to A in the system
4	Natural frertilizer provides phosphorus to plants in the form of P_2O_5	A. 1.2 kg B. 2.2 kg C. 3.2 kg D. 4 kg
5	Which is the most amphoteric?	A. Na₂O B. MgO C. Al₂O₃ D. CaO
6	During the folding of filter paper the apex form angle of about	A. 80^o B. 60^o C. 180^o D. 90^o
7	Which of the following statements is most appropriate about effective nuclear charge? It depends upon	A. The shielding constant B. The atomic number C. The charge on the nucleus D. Both the nuclear charge and the shielding constant
8	Saturated solution of NaCl on heating becomes	A. Super saturated B. Unsaturated C. Remains saturated D. None
9	Which of the following has greatest reducing power?	A. HI B. Hbr C. HCl D. HI
10	Setting of cement is an	A. Exothermic reaction B. Endothermic reaction C. Neither exothermic nor endothermic D. None
11	Sea weeds are important source of	A. Iron B. Chlorine C. Iodine D. Bromine
12	Ethanol containing some methanol is called	A. Absolute spirit B. Rectified spriit C. Power alcohol D. Methylated spirit
13	Which one of the following compounds does not exist?	A. NCl₅ B. AsF₅ C. SbCl₅ D. PF₅
14	Heating a micture of sodium benzoate and soda lime gives	A. Benzene B. Methane C. Sodium benzoate

		D. Calcium benzoate
15	Pollutant of automobile exhausts that affects nervous system/produces mental diseases is	A. Mercury B. Lead C. Nitrogen oxide D. Sulphur oxide
16	The movement of solvent molecules through a semipermeable membrane is called	A. Electrolysis B. Electrophoresis C. Osmosis D. Cataphoresis
17	Which inorganic precipitate acts as semipermeable membrane?	A. Calcium sulphate B. Barium oxalate C. Nickel phosphate D. Copper ferrocyanide
18	Which of the following is a molecular disease?	A. Allergy B. Cancer C. German measles D. Sickle cell anemia
19	Which one of the following has the lowest boiling point?	A. B B. Al C. Ga D. Ti
20	Which one is primary alcohol?	A. Buten-2-ol B. Propan-2-ol C. Butane-1-ol D. 2,3-Dimethylhexane-4-ol