

NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	Which of the following method is most appropriate for the manufacture of methane?	A. By reduction of CH2CL2 B. Wurtz reaction C. Liquification of natural gas D. None of these
2	Benzene is obtained by fractional distillation of	A. Heavy oil B. Anthracene oil C. Middle oil D. Light oil
3	Which of the following alkali metal hydroxides is the strongest base?	A. LIOH B. NaOH C. KOH D. CaOH
4	Which one is not usually used for the crystallization	A. Acetone B. Acetic acid C. Sulphuric acid D. Chloroform
5	The last orbit of argon would have electrons	A. 8 B. 18 C. 2 D. 6
6	Which is true for an element R present in group 13 of the periodic table?	A. It is a gas at room temperature B. It has oxidation state of +4 C. It forms R ₂ O ₃ D. It forms RX ₂
7	The maximum number of electrons in a subshell for which / = 3 is	A. 14 B. 10 C. 8 D. 4
8	The rate at which a substance reacts depends on its	A. Atomic weight B. Equivalent weight C. Molecular weight D. Active mass
9	Sulphure dioxide affects	A. Cell wall B. Plasmodesmata C. All membrane systems D. Nucleus
10	The credit of discovering neutron goes to	A. Rutherford B. Langmuir C. Chadwick D. Austen
11	The structure of XeF ₆	A. Distorted octahedral B. Pyramidal C. Tetrahedral D. None of the above
12	Which metal is protected by a layer of its own oxide?	A. AI B. Ag C. Au D. Fe
13	The wire in the flash bulbs is made up of	A. Mg B. Ba C. Cu D. Ag
14	Propyne on hydrolysis in presence of H ₂ SO ₄ and HgSO ₄ gives	A. Acetaldehyde B. Actone C. Formaldehyde D. None
15	Which of the following mineral does not contain Al?	A. <span style="font-size:
14.44444465637207px,">Cryolite B. <span style="font-size:
14.44444465637207px,">Mica

		U. <span style="tont-size:
14.44444465637207px;">Feldspar D. <span style="font-size:
14.44444465637207px;">Fluorspar
16	Which of the following metal exhibits more than one oxidation?	A. Na B. Mg C. Fe D. Al
17	Natural frertilizer provides phosphorus to plants in the form of $\ensuremath{\text{P}_2\text{O}_5}$	A. 1.2 kg B. 2.2 kg C. 3.2 kg D. 4 kg
18	Vital force theory was rejected by	A. Berzelius B. Kolbe C. Wholer D. Lavoiser <div></div>
19	In which of the following elements +1 oxidation state is more stable than +3	A. B B. Al C. Ga D. Ti
20	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