

NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	Oleum is	A. Castor oil B. Oil of vitriol C. Furning of H ₂ SO ₄ D. None of them
2	Wt. of 112 ml of oxygen at NTP on liquefaction would be	A. 0.32 g B. 0.64 g C. 0.16 g D. 0.96 g
3	Which of the following is not present in RNA?	A. Uracil B. Thymine C. Ribose D. Phosphate
4	Fluorine does not show positive oxidation states due to the absence of	A. d-orbitals B. s-orbitals C. p-orbitals D. None
5	Which quantum number is sufficient to describe the electron is hydrogen atom?	A. / B. n C. m D. s
6	Which of the following belongs to the halogen family?	A. Francium B. Polonium C. Radium D. Astatine
7	Which of the following elements is most electronegative?	A. Oxygen B. Chlorine C. Nitrogen D. Fluorine
8	Vital force theory was rejected by	A. Berzelius B. Kolbe C. Wholer D. Lavoiser <div></div>
9	A cell constant is generally found by measuring the conductivity of aqueous solution of	A. BaCl ₂ B. KCl C. NaCl D. MgCl ₂
10	In N.W.F.P the phosphate fertilizer are produced at	A. D.I.Khan B. Haripur C. Nowshera D. Dargai
11	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
12	The last orbit of argon would have electrons	A. 8 B. 18 C. 2 D. 6
13	Toluene can be oxidized to benzonic acid by	A. KMnO4 (alk) B. K ₂ Cr ₂ O ₇ (acidic) C. Both D. None
		A. Liter sec ⁻¹ B. Liter mol ⁻¹ sec

The unit of rate constant for a zero order reaction is	<pre>⁻¹</pre> /sup> C. Mol liter ⁻¹ sec ⁻¹ D. Mol sec ⁻¹
The rate at which a substance reacts depends on its	A. Atomic weight B. Equivalent weight C. Molecular weight D. Active mass
The addition of HBr is easiest with	A. CH2 = CHCI B. CICH = CHCI C. CH3 - CH = CH2 D. (CH3)2 C = CH2
The pore size of the filter paper depends upon	A. Nature of the mediumB. Temperature of the mediumC. Size of the particlesD. Mass of the particles
The main structure features of proteins is	A. An ester linkage B. An ether linkage C. The peptide linkage D. All
Carbon atom holding halogen in aryl halides is	A. Sp ² -hybridesed B. Sp ³ -span style="font-size: 14.44444465637207px;">- hybridesed C. Sp >- hybridesed D. - hybridesed D. Sp ³ Sp ³ d - hybridesed
Which of the following is directly related to Qualitative analysis?	A. Identification B. Separation C. Measurement D. Calculation
	The rate at which a substance reacts depends on its The addition of HBr is easiest with The pore size of the filter paper depends upon The main structure features of proteins is Carbon atom holding halogen in aryl halides is