

## NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	The number of unpaired electrons in the P-subshell of oxygen atom	A. 1 B. 2 C. 3 D. 4
2	Ozone is not	A. An allotrope B. A powerful oxidizing agent C. Paramagnetic D. A bent molecule
3	Which of the following is acidic?	A. SO <sub>3</sub> B. N <sub>2</sub> O C. BeO D. HgO
4	Which of the following fluorides does not exist?	A. NF <sub>5</sub> B. PF <sub>5</sub> C. AsF <sub>5</sub> D. SbF <sub>5</sub>
5	Which one of the following compounds does not exist?	A. NCl <sub>5</sub> B. AsF <sub>5</sub> C. SbCl <sub>5</sub> D. PF <sub>5</sub>
6	BiCl <sub>3</sub> on hydrolysis forms a white precipitate of	A. <span style="font-size: 14.4444465637207px;">Bismuthio acid</span> B. <span style="font-size: 14.4444465637207px;">Bismuth oxychloride</span> C. <span style="font-size: 14.4444465637207px;">Bismuth pentachloride</span> D. <span style="font-size: 14.4444465637207px;">Bismuth hydroxide</span>
7	Phosphide ion has the electronic structure similar to that of	A. Nitride ion B. Fluoride ion C. Sodium ion D. Chloride ion
8	Which one of the following elements occurs free in nature?	A. &nbsp;N B. P C. As D. Sb