

## NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	The rotation of two carbon atoms joined by double bond would happened only if	<p>A. Pi bond is broken</p> <p>B. Sigma bond is broken</p> <p>C. Both bonds are broken</p> <p>D. None of above</p>
2	Which of the following has linear shape?	<p>A. SP</p> <p>B. <math>SP^2</math></p> <p>C. <math>SP^3</math></p> <p>D. None of the above</p>
3	Hybridization explain the----- of orbitals	<p>A. Type of Bonding</p> <p>B. Shapes</p> <p>C. Shape and Type of bonding</p> <p>D. None of above</p>
4	1-Chloropropane has two isomers It is an example of	<p>A. Chain isomerism</p> <p>B. Position isomerism</p> <p>C. Functional group isomerism</p> <p>D. Metamerism</p>
5	In which molecule carbon atom is $sp^2$ hybridized	<p>A. <math>CH_4</math></p> <p>B. <math>C_2H_4</math></p> <p>C. <math>C_2H_2</math></p> <p>D. None of the above</p>
6	Sodium thiosulfate is used in photography because of its	<p>A. <span style="font-size: 14.44444465637207px;">Oxidizing behaviour</span></p> <p>B. <span style="font-size: 14.44444465637207px;">Reducing behaviour</span></p> <p>C. <span style="font-size: 14.44444465637207px;">Complexing behaviour</span></p> <p>D. <span style="font-size: 14.44444465637207px;">Photochemical behaviour</span></p>
7	In the manufacture of iron from haematite, limestone is added to act as.	<p>A. Flux</p> <p>B. A reducing</p> <p>C. Slag</p> <p>D. An oxidizing agent.</p>
8	Rusting of iron is catalysed by	<p>A. Fe</p> <p>B. <math>O_2</math></p> <p>C. Zn</p> <p>D. <math>H^+</math></p>