

## MDCAT Chemistry Chapter 12 Transition Elements Online Test

Sr	Questions	Answers Choice
1	Butane molecule can have maximum no of isomers	A. 2 B. 5 C. 4 D. 3
2	Anthracene contains number of fused benzene rings	A. 1 B. 2 C. 3 D. 4
3	Which of the following compound shows the geometrical isomerism	A. 2-butene B. 2-butyne C. 2-butanol D. Butanol
4	The structural isomerism arises due to the difference in the	A. Number of atoms in the molecule B. Arrangements of atoms in the molecule C. Number as well as arrangement of atoms in the molecule D. Spatial arrangement of atoms
5	How many esters are possible for C <sub>2</sub> H <sub>8</sub> O <sub>2</sub>	A. 3 B. 2 C. 4 D. 5
6	Which of the following is not heterocyclic compound?	A. Naphthalene B. Furan C. Pyridine D. Pyrrole
7	Which of the compounds cannot show positional isomerism?	A. Alkanes B. Alkenes C. Alkynes D. Alcohols
8	Name the compound, which shows geometric isomerism	A. 1-bromo-2-chloropropene B. 2,3-dimethylpropene C. 2-pentene D. Both A & B
9	Which one of the following is not an alicyclic compound?	A. Cyclohexene B. Cyclohexane C. Benzene D. Cyclopentane
10	The bond angle between any two sp hybrid orbitals is	A. 107.09° B. 120° C. 90° D. 80°
11	Nitro alkanes exhibit the:	A. Chain isomerism B. Positional isomerism C. Functional group D. Metamerism
12	The aliphatic compounds are of two types	A. Straight chain and cyclic B. Branched chain and alicyclic C. Straight chain and branched D. Homocyclic and alicyclic
13	Butane has isomeric forms	A. 3 B. 4 C. 2 D. 1
14	The hetero atom in pyridine is	A. Oxygen B. Nitrogen C. Chlorine D. Sulphur
15	Alicyclic compounds are the homocyclic compounds which contain a ring of	A. 5 or more carbon atoms B. 6 or more carbon atoms C. 3 or more carbon atoms

		D. 4 or more carbon atoms
16	Furan is a compound	A. Acyclic B. Alicyclic C. Heterocyclic D. non-aromatic
17	The isomerism in which the compounds differ with respect to functional group but have same molecular formula is called	A. Metamerism B. Functional group isomerism C. Position isomerism D. Chain isomerism
18	Total number of possible chain and positional isomers of butyl alcohol among alcohols are	A. Four B. Five C. Two D. Six
19	1-chloropropane and 2-chloropropane are isomers of each other, the type of isomerism in these two is called	A. Cis-trans isomerism B. Position isomerism C. Chain isomerism D. Functional group isomerism
20	If similar groups are attached to the same side, of C=C of alkene then it is	A. Cis isomer B. Trans isomer C. Tautomer D. All