

## Group Properties and Elements

Sr	Questions	Answers Choice
1	Metals lose their electrons easily because.	A. Good conductors of heat B. They are electropositive C. They have electron affinity D. They are electronegative
2	Platinum alloyed with which metal is used as catalyst in automobiles and catalytic converter.	A. Palladium B. Rhodium C. Gold D. Both a and b
3	The melting and boiling points of non-metals are	A. Low B. High C. Moderate D. None of these
4	Which group elements are the most reactive elements.	A. Transition metal group B. First group C. Second group D. Third Group
5	Metals are the elements which have	A. Electropositive character B. Electronegative character C. Both a and b D. None of the above
6	Which halogen will have the least reactivity with alkaline earth metals.	A. Iodine B. Chlorine C. Bromine D. Fluorine
7	Metals can form ions carrying charges.	A. Uni Positive B. Di positive C. Tri positive D. All of these
8	The non-metal which is present in group -15 of periodic table.	A. Nitrogen B. Iodine C. Carbon D. Sulphur
9	Which compound do you expect to be coloured.	A. KCl B. NiCl <sub>2</sub> C. BaCl <sub>2</sub> D. AlCl <sub>3</sub>
10	Which non-metal is a good conductor of electricity	A. Graphite B. Iodine C. Sulphur D. Phosphorus
11	The following solutions of a halogen and a sodium halide are mixed together. Which solution will turn dark because of a reaction.	A. Br <sub>2</sub> and NaF B. Br <sub>2</sub> and NaCl C. Cl and NaF D. Cl <sub>2</sub> and NaI
12	Which halogen acid is unstable at room temperature.	A. HI B. HBr C. HCl D. HF
13	Elements of which group are all coloured.	A. Second group B. Fourth group C. Sixth group D. Fifth group
14	Which element has high electronegativity value.	A. Chlorine B. Oxygen C. Fluorine D. Nitrogen
15	Sodium metal has electrons.	A. 11 B. 10 C. 12 D. 14

16	Which metal exists in liquid form at room temperature.	A. Sodium B. Potassium C. Mercury D. None of these
17	Sodium is extremely reactive metal but it does not react with.	A. Hydrogen B. Sulphur C. Nitrogen D. Phosphorous
18	Which one is the most reactive metal.	A. Gold B. Sodium C. Potassium D. All of these
19	What % of the elements in the periodic table are metals.	A. 65% B. 90% C. 75% D. 80%
20	Non metallic oxides are.	A. Basic in nature B. Acidic in nature C. Amphoteric D. All of these