

Group Properties and Elements

Sr	Questions	Answers Choice
1	Pure Alkali metals can be cut simply by knife but iron cannot because of alkali metals have.	A. Weak metallic bonding B. Strong metallic bonding C. Non metallic bonding D. Moderate metallic bonding
2	Which group of elements has low ionization energies.	A. Alkaline earth metals B. Halogen C. Alkali metals D. Noble gases
3	Element of which group are all coloured.	A. Second group B. Fourth group C. Sixth group D. Fifth group
4	The following solutions of a halogen and a sodium halide are mixed together Which solution will turn dark because of a reactions.	A. Br ₂ and NaF B. Br ₂ and NaCl C. Cl and NaF D. Cl ₂ and NaI
5	Platinum alloyed with which metal is used as catalyst in automobiles as a catalytic converter.	A. Palladium B. Rhodium C. Gold D. Both a and b
6	Which oxide is the most basic oxide.	A. Na ₂ O B. MgO C. Li ₂ O D. CO
7	The non-metal which is present in group -15 of periodic table.	A. Nitrogen B. Iodine C. Carbon D. Sulphur
8	Non-metals are generally soft, but which one of the following is extremely hard.	A. Graphite B. Iodine C. Diamond D. Phosphorus
9	Which one of the following non-metal is lustrous.	A. Sulphur B. Carbon C. Iodine D. Phosphorous
10	Which of the following is less malleable	A. Gold B. Silver C. Sodium D. Iron
11	Metals can form ions carrying charges.	A. Uni Positive B. Di positive C. Tri positive D. All of these
12	Which group elements are the most reactive elements.	A. Transition metal group B. First group C. Second group D. Third Group
13	Sodium metal has electrons.	A. 11 B. 10 C. 12 D. 14
14	Non-metal form	A. Positive ion B. Neutral atom C. Negative ion D. None of these
15	Which halogen will have the least reactivity with alkaline earth metals.	A. Iodine B. Chlorine C. Bromine D. Fluorine

16	Metals are the elements which have	<p>A. Electropositive character B. Electronegative character C. Both a and b D. None of the above</p>
17	Metals oxides are .	<p>A. Neutral B. Acidic in nature C. Basic in nature D. All of these</p>
18	Which non metal is good conductor of electricity	<p>A. Graphite B. Iodine C. Sulphur D. Phosphorus</p>
19	Non metallic oxides are.	<p>A. Basic in nature B. Acidic in nature C. Amphoteric D. All of these</p>
20	The elements in which d-orbital is in the process of filling constitute a group of metals called.	<p>A. Alkali metals B. Noble gases C. Transition Metals D. Alkaline earth metals</p>