



# SMART TEST SERIES

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Name:		Subject:	Chemistry-12
Roll # :		Unit(s):	1,
Class:	Inter Part-II	Test:	Type 1 - MCQs Test - Marks=20
Date:		Time:	

**Q.1 Four possible answers A, B, C & D to each question are given. Circle the correct one.**

**(20x1=20)**

- The concept of atomic number was introduced by:  
(A) Alrazi (B) Mendeleev (C) Moseley (D) Dobereiner
- Elements of Group IIA are called?  
(A) Alkali metals (B) Alkaline earth metals (C) Coinage metals (D) Halogens
- In modern periodic table 6th period contains elements?  
(A) 8 (B) 18 (C) 10 (D) 32
- Which one is an incomplete period?  
(A) 4<sup>th</sup> (B) 5<sup>th</sup> (C) 6<sup>th</sup> (D) 7<sup>th</sup>
- Which is the longest period of periodic table:-  
(A) 4 (B) 5 (C) 6 (D) 7
- Non-metals are present in which block of periodic table?  
(A) s-block (B) p-block (C) d-block (D) f-block
- Which order is correct one for the size of atoms?  
(A) Mg > Sr (B) Ba > Mg (C) Lu > Ce (D) Cl > I
- Which element has lowest melting point:  
(A) Beryllium (B) Magnesium (C) Calcium (D) Barium
- Correct order according to atomic size in the following is:  
(A) Na > K (B) Be > Mg (C) O > N (D) Cl > F
- Which of the following has highest M.P?  
(A) Aluminium (B) Silicon (C) Phosphorus (D) Sulphur
- Which of the following has the highest hydration energy?  
(A)  $Li^+$  (B)  $Na^+$  (C)  $K^+$  (D)  $Mg^{++}$
- Which ion will have maximum heat of hydration?  
(A)  $Na^+$  (B)  $Cs^{+1}$  (C)  $Ba^{+2}$  (D)  $Mg^{+2}$
- Amphoteric oxide is formed by:  
(A) Ca (B) Fe (C) Zn (D) Cu
- Which of the following element form acidic oxide only?  
(A) Cd (B) Al (C) Sn (D) Br
- The hydrides of Group IA are:  
(A) Ionic (B) Covalent (C) Metallic (D) Interstitial
- Oxides of Be are?  
(A) Acidic (B) Basic (C) Amphoteric (D) Neutral
- Hydrogen resembles in properties with groups:  
(A) I-A, V-A, VII-A elements (B) I-A, IV-A, VII-A elements (C) II-A, III-A, V-A elements  
(D) I-A, II-A, elements
- Which statement is correct?  
(A) Hydrogen resembles properties with I-A, IV-A elements  
(B) Hydrogen resembles in properties with III-A, IV-A and V-A elements.  
(C) Hydrogen resembles in properties with II-A, IV-A and VI-A elements.  
(D) Hydrogen resembles in properties with II-A, III-A and VII-A elements.
- Mark the correct statement:  
(A) Metallic character increases down the group. (B) Metallic character increases along a period.  
(C) Metallic character decreases along a period.  
(D) Metallic character remains the same down the group
- Mark the correct statement:  
(A) Covalent character of metal halides increase from left to right in a period.  
(B) Boiling points of group IV-A hydrides decrease down the group.  
(C) Ionic character of hydrides increases from left to right in a period.  
(D) The basicity of group II-A oxides decreases on descending the group.

## MCQs Ans Key.

Q:1 (C)

Q:2 (B)

Q:3 (D)

Q:4 (D)

Q:5 (C)

Q:6 (B)

Q:7 (B)

Q:8 (B)

Q:9 (D)

Q:10 (B)

Q:11 (D)

Q:12 (D)

Q:13 (C)

Q:14 (D)

Q:15 (A)

Q:16 (C)

Q:17 (B)

Q:18 (A)

Q:19 (A)

Q:20 (A)