

81. Decreasing order of acidic strength of halogen acid is  
(1)  $\text{HF} > \text{HCl} > \text{HBr} > \text{HI}$  (2)  $\text{HI} > \text{HBr} > \text{HCl} > \text{HF}$   
(3)  $\text{HCl} > \text{HBr} > \text{HI} > \text{HF}$  (4)  $\text{HBr} > \text{HCl} > \text{HF} > \text{HI}$
82. Which of the following is the correct IUPAC name of an element having atomic number 102?  
(1) Unnilium (2) Ununnilium (3) Unnilunium (4) Unnilbium
83. The atomic number of element Unq is :  
(1) 102 (2) 103 (3) 104 (4) 105
84. The last element of the p-block in 6<sup>th</sup> period is represented by the outermost electronic configuration.  
(1)  $7s^2 7p^6$  (2)  $5f^{14} 6d^{10} 7s^2 7p^0$   
(3)  $4f^{14} 5d^{10} 6s^2 6p^6$  (4)  $4f^{14} 5d^{10} 6s^2 6p^4$
85. Which of the following sets of elements follows Newland's octave rule :-  
(1) Be, Mg, Ca (2) Na, K, Rb (3) F, Cl, Br (4) B, Al, Ga

### SECTION-B

86. Atomic wt. of P is 31 and Sb is 120. What will be the atomic wt. of As, as per Dobernier triad rule :-  
(1) 151 (2) 75.5 (3) 89.5 (4) Unpredictable
87. Which is not anomalous pair of elements in the Medeleev's periodic table:-  
(1) Ar and K (2) Co and Ni  
(3) Te and I (4) Al and Si
88. Which of the following statement is wrong :-  
(1) Elements 1 to 94 are natural (except  $Z = 61$  and 43).  
(2) 3<sup>rd</sup> period contains 18 elements  
(3) 1<sup>st</sup> period contains two non metals  
(4) In p-block, metal, nonmetal and metalloids are present
89. Z/e ratio for  $\text{N}^{3-}$ ,  $\text{O}^{2-}$  and  $\text{F}^-$  respectively will be :-  
(1) 0.7, 0.8 and 0.9 (2) 0.9, 0.8 and 0.7 (3) 7, 8 and 9 (4) 9, 8 and 7
90. Elements which occupied position in the lother meyer curve, on the peaks, were :-  
(1) Alkali metals  
(2) Highly electro positive elements  
(3) Elements having large atomic volume  
(4) All