

DAILY PRACTICE PROBLEM (DPP - 01)**INORGANIC CHEMISTRY**

Topic – Periodic Table

DPP No. – 1

NEET
Sarthi
KOTA

- Q.1 Which of the following is metalloid:-
(1) Pb (2) Zn (3) As (4) None of these
- Q.2 Which are correct match:-
(1) Eka sikicon-Be (2) Eka aluminium-Ga
(3) Eka manganese - Te (4) Eka scandium – B
- Q.3 Which of the following elements belong to alkali metals?
(1) $1s^2, 2s^2, 2p^2$ (2) $1s^2, 2s^2, 2p^6, 3s^2, 4s^2, 3d^{10}, 4p^6, 5s^1$
(3) $1s^2, 2s^2, 2p^5$ (4) None of these
- Q.4 Element with atomic number 58 belongs to which block?
(1) s (2) p (3) d (4) f
- Q.5 An element which is recently discovered is placed in 7th period and 10th group. IUPAC name of the element will be:-
(1) Unnilseptium (2) Ununnilium
(3) Ununbium (4) None
- Q.6 Element with the electronic configuration given below, belong to which group in the periodic table
 $1s^2, 2s^2 2p^6, 3s^2 3p^6 3d^{10}, 4s^2 4p^6 4d^{10}, 5s^2 5p^3$
(1) 3rd (2) 5th (3) 15th (4) 17th
- Q.7 Pick out the isoelectronic structure form the following
I. ${}^+CH_3$ II. H_3O^+
III. NH_3 IV. CH_3^-
(1) I and II (2) III and IV (3) I and III (4) II, III and IV
- Q.8 Mendeleev's periodic law is based on-
(1) Atomic number (2) Atomic weight
(3) Number of neutrons (4) None of the above
- Q.9 Calculate the number of electron, proton and neutron respectively in ${}^{56}_{26}Fe^{+3}$.
(1) 26, 56, 26 (2) 26, 26, 56
(3) 26, 23, 30 (4) 23, 26, 30
- Q.10 Calculate the spin only magnetic moment of Zn^{+2}
(1) 1.73 (2) 2.83 (3) 0 (4) 3.90

Answer key

Q.	1	2	3	4	5	6	7	8	9	10
Ans:	3	2	2	4	2	2	4	2	4	3