

ARJUNA (NEET)

Classification of Elements & Periodicity in Properties

DPP-01

- Mendeleev's periodic table is based on :-
 (A) Atomic number
 (B) Increasing order of number of protons
 (C) Electronic configuration
 (D) None of the above
- Which of the following is/are Dobereiners triad?
 (a) P, As, Sb (b) Cu, Ag, Au
 (c) Fe, Co, Ni (d) S, Se, Te
 Correct answer is :-
 (A) a and b (B) b and c
 (C) a and d (D) All
- Which of the following sets of elements follows Newland's octave rule?
 (A) Be, Mg, Ca (B) Na, K, Rb
 (C) F, Cl, Br (D) B, Al, Ga
- Which are correct match?
 (a) Eka silicon – Be
 (b) Eka aluminium – Ga
 (c) Eka manganese – Tc
 (d) Eka scandium – B
 (A) b, c (B) a, b, d
 (C) a, d (D) All
- Atomic wt. of P is 31 and Sb is 120. What will be the atomic wt. of As, as per Dobereiner's triad rule?
 (A) 151 (B) 75.5
 (C) 89.5 (D) Unpredictable
- The places that were left empty by Mendeleev's were, for:-
 (A) Aluminium & Silicon
 (B) Gallium and germanium
 (C) Arsenic and antimony
 (4) Molybdenum and tungsten
- The law of triads is applicable to
 (A) Os, Ir, Pt (B) Ca, Sr, Ba
 (C) Fe, Co, Ni (D) Ru, Rh, Pt
- Elements which occupied position in the Lothar Meyer curve, on the peaks, were:
 (A) Alkali metals
 (B) Highly electropositive elements
 (C) Elements having large atomic volume
 (D) All
- Which of the following element was absent in the Mendeleev's periodic table?
 (A) Tc (B) Si
 (C) B (D) F
- Which group was added in Mendeleev's periodic table?
 (A) I group (B) VIII group
 (C) Zero group (D) V group

ANSWER KEY

1. (D)
2. (C)
3. (A)
4. (A)
5. (B)
6. (B)
7. (B)
8. (D)
9. (A)
10. (C)



***Note* - If you have any query/issue**

Mail us at support@physicswallah.org



support@physicswallah.org