ARJUNA (NEET)

Classification of Elements & Periodicity in Properties

DPP-07

1. Which of the following is affected by stable configuration of an atom?
(a) Electronegativity
(b) Ionisation potential
(c) Electron affinity
Correct answer is:
(A) Only electronegativity
(B) Only ionisation potential.
(C) Electron affinity and ionisation potential
(D) All of the above

2. Which of the following elements has the different value of electronegativity?
(A) H (B) S
(C) Te (D) P

3. Correct order of electronegativity of N, P, C and Si is:-
(A) N < P < C < Si (B) N > C > Si > P
(C) N = P > C = Si (D) N > C > P > Si

4. Electronegativity of the following elements increases in the order.
(A) O, N, S, P (B) P, S, N, O
(C) P, N, S, O (D) S, P, N, O

5. The correct set of decreasing order of electronegativity is:
(A) Li, H, Na (B) Na, H, Li
(C) H, Li, Na (D) Li, Na, H

6. Polarity of a bond can be explained by:
(A) Electron affinity
(B) Ionisation potential
(C) Electronegativity
(D) All of the above

7. Mulliken scale of electronegativity uses the concept of :
(A) E. A. and EN of pauling
(B) E. A. and atomic size
(C) E.A. and I.P.
(D) E.A. and bond energy

8. The pair with minimum difference in electronegativity is :-
(A) F, Cl (B) C, H
(C) P, H (D) Na, Cs

9. Least electronegative element is:-
(A) I (B) Br
(C) C (D) Cs

10. The electronegativities of the following elements H, O, F, S and Cl increase in the order :-
(A) H < O < F < S < Cl
(B) Cl < H < O < F < S
(C) H < S < O < Cl < F
(D) H < S < Cl < O < F

Answer Key

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

Please share your feedback on PW Teachers-
https://forms.gle/jEBFswBuki4Ut2Lk6

For PW APP : https://physicswala.page.link/?type=contact-us&data=open

For PW Website : https://www.physicswallah.live/contact-us