



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

SOLUTION-33(CLASS-11)

TOPIC- PERIODIC PROPERTIES

SUBTOPIC-BASIC CONCEPT

SUBJECT – CHEMISTRY

DURATION – 30 mins

F.M. - 15

DATE -17.08.20



1. Find the set of Bridge elements-

- (a) Li, Mg
- (b) H, He
- (c) B, C
- (d) He, Li

Ans. a

2. Which among the following is the most electropositive metal-

- (a) Cs
- (b) Na
- (c) Ti
- (d) Fe

Ans. a

3. The correct order for the electronegativity among I, Br and F-

- (a) $I > Br > F$
- (b) $F > Br > I$
- (c) $Br > I > F$
- (d) $Br > I < F$

Ans. b

4. Which among the following is not a determining factor of Electronegativity-

- (a) Oxidation state
- (b) Hybridization state
- (c) Screening effect
- (d) Atomic radius

Ans. c

5. Which of the following has the least electronegativity-

- (a) H
- (b) F
- (c) I
- (d) C

Ans. a

6. The reducing property of along the group-

- (a) Decreases
- (b) Increases
- (c) Can't be predicted
- (d) Remains unchanged

Ans. b

7. The correct order of electron affinity is-

- (a) $\text{Cl} > \text{F} > \text{Br} > \text{I}$
- (b) $\text{F} > \text{O} > \text{Cl} > \text{Br}$
- (c) $\text{F} > \text{Cl} > \text{Br} > \text{O}$
- (d) $\text{O} > \text{F} > \text{Cl} > \text{Br}$

Ans. a

8. The pair of elements those are wrongly matched-

- (a) Ar & Xe
- (b) I & Cl
- (c) Na & K
- (d) Cs & At

Ans. d

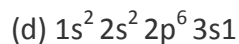
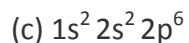
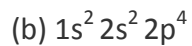
9. Which one is the most acidic among these?

- (a) MgO
- (b) Cl_2O_7
- (c) Al_2O_3
- (d) Na_2O

Ans. b

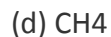
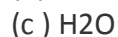
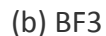
10. Which one will have the highest Secondionisation energy?

- (a) $1s^2 2s^2 2p^6 3s^1$



Ans. d

11. Compounds having incomplete octet-



Ans. b

12. Which period contains maximum number of elements?

(a) 5

(b) 7

(c) 1

(d) 6

Ans. b

13. Which of the following is not a periodic property?

(a) Metallic character

(b) Electronegativity

(c) Oxidizing power

(d) Hardness

Ans. d

14. Which among the following is a chalcogen?

(a) O, Te, Se

(b) Cu, K, Na

(c) Au, Pt, W

(d) Li, Na, B

Ans. a

15. Which among the following has the maximum valency?

(a) Os

(b) Th

(c) Fr

(d) At

Ans. a

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