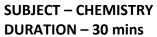
ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

WORKSHEET<u>-33(CLASS-11)</u> <u>TOPIC</u>- PERIODIC PROPERTIES

SUBTOPIC-BASIC CONCEPT



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
2. Which among the following is the most electopositive metal-
(a) Cs
(b) Na
(c) Ti
(d) Fe
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< td=""></f<>
4. Which among the following is not a determining factor of Electronegativity-
(a) Oxidation state
(b) Hybridization state
(c) Screening effect
(d) Atomic radius
5. Which of the following has the least electronegativity-
(a) H
(b) F

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(d) C

6. The reducing property of along the group-

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

7. The correct order of electron affinity is-

- (a) Cl > F >Br>l
- (b) F > O > Cl > Br
- (c) F > Cl > Br > O
- (d) O > F > Cl > Br

8. The pair of elements those are wrongly matched-

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

9. Which one is the most acidic among these?

- (a) MgO
- (b) Cl2O7
- (c) Al_2O_3
- (d) Na₂O

10. Which one will have the highest Secondionisation energy?

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

(b)
$$1s^2 2s^2 2p^4$$

(c)
$$1s^2 2s^2 2p^6$$

(d)
$$1s^2 2s^2 2p^6 3s1$$

(a) NH3 (b) BF3 (c) H2O (d) CH4			
12. Which period contains maximum number of elements? (a) 5 (b) 7 (c) 1 (d) 6			
13. Which of the following is not a periodic property?(a)Metallic character(b) Electronegativity(c) Oxidizing power(d)Hardness			
14. Which among the following is a chalcogens?			
(a) O, Te, Se			
(b) Cu, K, Na (c) Au, Pt, W			
(d) Li, Na, B			
15. Which among the following has the maximum valency? (a) Os (b) Th (c) Fr (d) At			

11. Compounds having incomplete octet-

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