

## Periodic Table and Periodic Properties

Sr	Questions	Answers Choice
1	Acidic chlorides have pH?	A. <p>More than 7</p> B. <p>Less than 7</p> C. <p>Equal to 7</p> D. <p>May be any</p>
2	Which oxidation state will not be shown by S	A. <p>-2</p> B. <p>+4</p> C. <p>+8</p> D. <p>+2</p>
3	Select which is not an alkaline earth metal	A. <p>Ba</p> B. <p>Be</p> C. <p>Sr</p> D. <p>CO</p>
4	Select basic oxide.	A. <p>MgO</p> B. <p>CO <sub>2</sub> </p> C. <p>SiO <sub>2</sub> </p> D. <p>Al <sub>2</sub> O <sub>3</sub> </p>
5	Which set of the following conditions results in higher ionization energy.	A. <p>Smaller atom and greater nuclear charge</p> B. <p>Smaller atom and smaller nuclear charge</p> C. <p>Larger atom and greater nuclear charge</p> D. <p>Large atom and the smaller nuclear charge</p>
6	Which one of the following elements has the highest ionization energy.	A. <p>Argon</p> B. <p>Sodium</p> C. <p>Aluminum</p> D. <p>Magnesium</p>
7	Electronegativity value of "Cs" is	A. <p>2.1</p> B. <p>0.79</p> C. <p>0.1</p> D. <p>4</p>
8	Which is the correct trend in variation of electronegativity along a period of the periodic table.	A. <p>It decreases from left to right across a period</p> B. <p>It increases from left to right across a period</p> C. <p>It remains constant</p> D. <p>It has no definite trend</p>
9	By 1700 A.D. only _____ elements were recognized.	A. <p>3</p> B. <p>6</p> C. <p>12</p> D. <p>10</p>
10	Recognize the element if it has 3 electron shells, belongs to 's' block and has 2 electrons in its outermost shell	A. <p>Calcium</p> B. <p>Sodium</p> C. <p>Magnesium</p> D. <p>Potassium</p>
11	The atomic radius generally ..... across a period in the periodic table.	A. <p>Increase</p> B. <p>Decreases</p> C. <p>Remains constant</p> D. <p>First increases then decreases</p>
12	Which one is the correct statement among the following	A. <p>Anionic radius is generally smaller than atomic radius</p> B. <p>Cationic radius is generally bigger than atomic radius</p> C. <p>Cationic radius is generally smaller than atomic radius</p> D. <p>Both anionic and cationic radii are smaller than atomic radius</p>
13	Noble gases are present in 18 group also called	A. <p>I A</p> B. <p>II B</p> C. <p>VIII A</p>

14 Tendency to lose electrons called

- A. <p>metallic character</p>
- B. <p>Electron affinity</p>
- C. <p>Ionization energy</p>
- D. <p>Electronegativity</p>

15 Oxidation state of P in P<sub>4</sub>O<sub>10</sub> is.

- A. <p>+2</p>
- B. <p>+3</p>
- C. <p>+5</p>
- D. <p>+4</p>

16 Concept of Triads was given by

- A. <p>Mendeleev</p>
- B. <p>L. Meyer</p>
- C. <p>Dobereiner</p>
- D. <p>Newlands</p>

17 The term "Halogen" mean

- A. <p>Ash former</p>
- B. <p>Salt Former</p>
- C. <p>Copper giver</p>
- D. <p>Sulphur giver</p>

18 Which one do you think is correct about metallic character.

- A. <p>It decreases from top to bottom in a group</p>
- B. <p>It increases from top to bottom in a group</p>
- C. <p>It remains constant from left to right in a period</p>
- D. <p>It increases from left to right in a period</p>

19 Select metalloid from the following.

- A. <p>Po</p>
- B. <p>Cl</p>
- C. <p>Fe</p>
- D. <p>P</p>

20 John Newlands gave the idea of.

- A. <p>Law of triads</p>
- B. <p>Law of Octaves</p>
- C. <p>Modern Periodic law</p>
- D. <p>Curves between weight and volume</p>