

Periodic Table and Periodic Properties

Sr	Questions	Answers Choice
1	Which is the correct general trend in the variation of electron affinity in a group	<p>A. It becomes less negative from top to bottom</p> <p>B. It becomes more negative from top to bottom</p> <p>C. It remains the same</p> <p>D. It has no definite trend and changes irregularly</p>
2	Metallic character increases	<p>A. Downward and forward from left to right</p> <p>B. Upward and forward from left to right</p> <p>C. Downward and backward from right to left</p> <p>D. Upward and backward from right to left</p>
3	Which of the following has highest ionization energy.	<p>A. P</p> <p>B. S</p> <p>C. Ar</p> <p>D. Cl</p>
4	Which of the following atoms show more than one oxidation states.	<p>A. Phosphorous</p> <p>B. Magnesium</p> <p>C. Sodium</p> <p>D. Aluminium</p>
5	Select basic oxide.	<p>A. MgO</p> <p>B. CO₂</p> <p>C. SiO₂</p> <p>D. Al₂O₃</p>
6	Modern periodic table provides information about.....elements.	<p>A. 100</p> <p>B. 118</p> <p>C. 110</p> <p>D. 130</p>
7	Who is considered as the father of the periodic table	<p>A. Moseley</p> <p>B. Mendeleev</p> <p>C. Newland</p> <p>D. Dobereiner</p>
8	Which one is the correct statement among the following	<p>A. Anionic radius is generally smaller than atomic radius</p> <p>B. Cationic radius is generally bigger than atomic radius</p> <p>C. Cationic radius is generally smaller than atomic radius</p> <p>D. Both anionic and cationic radii are smaller than atomic radius</p>
9	Select the element which has highest 1st ionization energy.	<p>A. Boron</p> <p>B. Nitrogen</p> <p>C. Carbon</p> <p>D. Oxygen</p>
10	Least electronegative element is.	<p>A. Cs</p> <p>B. H</p> <p>C. Li</p> <p>D. He</p>
11	Which element is used in S.O.S flares and in firework.	<p>A. Mg Powder</p> <p>B. Na powder</p> <p>C. CaCO₃</p> <p>D. KO₂</p>
12	Select which is not alkaline earth metal	<p>A. Ba</p> <p>B. Be</p> <p>C. Sr</p> <p>D. CO</p>
13	Concept of Triads was given by	<p>A. Mendeleev</p> <p>B. L. Meyer</p> <p>C. Dobereiner</p> <p>D. Newlands</p>

14	2nd Value of electron affinity	<p>A. <p>Will be negative always</p></p> <p>B. <p>Will always be positive</p></p> <p>C. <p>Equal to 1st value</p></p> <p>D. <p>Double than 1st Value</p></p>
15	What is the oxidation state of sulfur in the sulfate ion SO_4^{2-}	<p>A. <p>+4</p></p> <p>B. <p>+6</p></p> <p>C. <p>+2</p></p> <p>D. <p>0</p></p>
16	Group 16 elements are also called.	<p>A. <p>Chalcogens</p></p> <p>B. <p>Pnictogens</p></p> <p>C. <p>Alkali metals</p></p> <p>D. <p>Halogens</p></p>
17	Oxidation state of P in P_4O_{10} is.	<p>A. <p>+2</p></p> <p>B. <p>+3</p></p> <p>C. <p>+5</p></p> <p>D. <p>+4</p></p>
18	Which oxidation state will not be shown by S	<p>A. <p>-2</p></p> <p>B. <p>+4</p></p> <p>C. <p>+8</p></p> <p>D. <p>+2</p></p>
19	Which one do you think is correct about metallic character.	<p>A. <p>It decreases from top to bottom in a group</p></p> <p>B. <p>It increases from top to bottom in a group</p></p> <p>C. <p>It remains constant from left to right in a period</p></p> <p>D. <p>It increases from left to right in a period</p></p>
20	Acidic oxides are	<p>A. <p>Metallic oxides</p></p> <p>B. <p>Non Metallic oxides</p></p> <p>C. <p>Metalloid oxides</p></p> <p>D. <p>All</p></p>