

Periodic Table and Periodicity

| Sr | Questions | Answers Choice |
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| 1 | /which of the followign elements is presnt in group IA. | A. Lithium B. Hydrogen C. Sodium D. All of these |
| 2 | The minium amont of energy whcih is required to remvove an electron from valence shell of the gaseous state of an atom is called. | A. Potential energy B. Ionization energy C. Electron affinity D. Electronegativity |
| 3 | Which of the following is a metal | A. Magnesium B. Carbon C. Hydrogen D. Nitrogen |
| 4 | Elements o group 13 to 18 have thier valence electrons is subshell | A. s B. p C. f D. d |
| 5 | In which period and group yu will place the elemnt whic is an important part of the solar cell? | A. Third period and Sixth a grop Group 16 B. Third priod and forth A group Group 14 C. Second period and forth A group Group D. Third prod and fifth A group Group 15 |
| 6 | All the elements of Group II A are less reactive than alkali metals. This is because these elements have. | A. Decreased nuclear charge B. Similar electronci configuration C. High ionization energies D. Relatively greatr atomic size. |
| 7 | Which element has the highest melting point. | A. K B. Cs C. Na D. Rb |
| 8 | Aong the period which one of the followig decreases. | A. Electronegativity B. Ionization energy C. Atomic radius D. Electron affinity |
| 9 | When we mvove top to bottom in group, ionization energy. | A. Increases B. No effet C. Decreases D. None of these |
| 10 | The distance between the neclei of two carbon atoms in its elemetnal from is | A. 150 pm B. 152 pm C. 154 pm D. 156 pm |
| 11 | Metals can form ions carrying carges. | A. Uni positive B. Di positive C. Tri postive D. All of these |
| 12 | How many periods are present in the modern periodic table | A. 7 B. 8 C. 10 D. 12 |
| 13 | Uni of electron affinity is. | A. k J mol ⁻¹ B. k jmol C. pm D. Newton |
| 14 | Main group elements are arranged ingroups. | A. 7 B. 6 C. 8 D. 10 |

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| 15 | Number of period in the periodic table are. | A. 7 B. 8 C. 5 D. 16 |
| 16 | Lanthanide series starts after the element | A. Osmium B. Actinium C. Lanthanum D. None of these |
| 17 | Which period of the modern periodic table is considered as an incomplete period. | A. 5th B. 4th C. 7th D. 6th |
| 18 | The element having less value of ionization energy and less value of electron affinity is likely to belong to. | A. Group 1 B. Group 13 C. Group 16 D. Group 17 |
| 19 | When we move from top to bottom in a group atomic size. | A. Decrease B. Increases C. First increases then decreases D. None of the above |
| 20 | Which of the following elements belong to VIII A. | A. Xe B. Mg C. Br D. Na |