

## Periodic Table and Periodicity

Sr	Questions	Answers Choice
1	Actinide series starts after the element	A. Actinium B. Lanthanum C. Osmium D. Silver
2	Point out the incorrect statement about electron affinity	A. It decreases in a period B. It decreases in a group C. It is measure in $\text{kJmol}^{-1}$ D. None of these
3	Metals possess.	A. Ionic bond B. Covalent bond C. Co-ordinate covalent D. Metallic bond
4	How many elements are present in each 4th and 5th period.	A. 2 B. 8 C. 32 D. 18
5	Unit of electron affinity is.	A. $\text{kJ mol}^{-1}$ B. $\text{kJ mol}$ C. $\text{pm}$ D. Newton
6	The amount of energy given out when an electron is added to an atom is called.	A. Electron affinity B. Lattice energy C. Ionization energy D. Electronegativity
7	A yellow solid element exists in allotropic forms which is also present in fossil fuel. Indicate the name	A. Iodine B. Carbon C. Sulphur D. Aluminium
8	Unit of atomic size is	A. $\text{pm}$ B. $\text{nm}$ C. $\text{kJmol}^{-1}$ D. Both a and b
9	Elements of group 13 to 18 have their valence electrons in subshell	A. s B. p C. f D. d
10	17th group elements are known as	A. Alkali metals B. Alkaline earth metals C. Noble gases D. Halogens
11	Which is the softest metal.	A. Zn B. Ca C. Na D. Al
12	How many periods are present in the modern periodic table.	A. 7 B. 8 C. 10 D. 12
13	The distance between the nuclei of two carbon atoms in its elemental form is	A. 150 $\text{pm}$ B. 152 $\text{pm}$ C. 154 $\text{pm}$ D. 156 $\text{pm}$
14	The heaviest metal is	A. Iron B. Lead C. Osmium D. Platinum
15	4th and 5th period of the long form of periodic table are called.	A. Short periods B. Normal periods C. Very long periods D. Long periods

16	Pure alkalis metals can be cut sibly by knife but iron cannot because of alkali meals have	A. Non metallic bonding B. Strong metallic bonding C. Weak metallic bonding D. Moderate metqlic bonding
17	Period nuebr tells about the	A. No. of valance electrons B. No. of electronic shells C. Both a and b D. None of the above
18	Electron affinity of fluorine in kJmol-1 is	A. -328 B. 328 C. -330 D. -340
19	Mark the icorrect statement about ionization energy.	A. It is measured in kJmol-1 B. It is absorption of energy C. It decreased in a period D. It decease in a group
20	Elements with atomic no .58 to 71 are called.	A. Actinides B. Lanthanides C. Both a and b D. None of these