Q32- The element with atomic number 14 is hard and forms acidic oxide and a covalent halide . To which of the category does it belong?

A) metal
B) Metalloid
C) Non metal
D) Left hand side element

Q33- The law of octaves is given by ___.

A) Mendeleev
B) Newlands
C) Bohr
D) Mosley

Q34- The modern periodic table is given by ____.

A) Mendeleev
B) Newlands
C) Bohr
D) Mosley

Q35- Which element was not known when Mendeleev proposed the classification?

A) Hydrogen
B) Sodium
C) Copper
D) Germanium

Q36- Three elements B,Si and Ge are ___.

A) Metals
B) Non metals
C) Metalloids
D) Metal,non metal ,metalloid respectively

Q37- Arrange the following elements in order of their increasing non metallic character Li,O,C,Be ,F?

A) F<O<C<Be<Li
B) Li<Be<C<O<F
C) F<O<C<Be<Li
D) F<O<Be<C<Li

Q38- Arrange the following elements in order of their increasing metallic character Na,Si,Cl,Mg,Al ?

A) Cl>Si>Al>Mg>Na
B) Na>Mg>Al>Si>Cl
C) Na>Al>Mg>Cl>Si
D) Al>Na>Si>Ca>Mg

Q39- Which of them doesn't loose electrons easily?

A) Na
B) F
C) Mg
D) Al

Q40- Which will loose electron easily?

A) Mg
B) Na
C) K
D) Ca

Q41- Which out of them has the biggest radii?

A) Na
B) Mg
C) K
D) Ca

Q42- Which of the following gives the correct order of atomic radii of O, F and N?

A) O,F,N
B) N,F,O
C) O,N,F
D) F,O,N

Q43- Which of the following, in their outermost shell has 2 valence electrons?

A) K shell
B) L shell
C) M shell
D) N shell

Q44- Element X forms the chloride with the formula XCl2 ,which is a solid with a high melting point. X is most likely to be in the same group of periodic table as -

A) Na
B) Mg
C) Al
D) Si

Q45- Which set out of them shows the correct sequence of metallic characters?
A) Be ,Mg,Ca
B) Na,Li,K
C) Mg,Al,Si
D) C,O,N

Q46- On moving from left to right in a periodic table, size of an atom ?
A) Increases
B) Decreases
C) Does not change
D) First increases then decreases

Q47- Which of the following elements will form acidic oxide?
A) with atomic number 7
B) with atomic number 3
C) with atomic number 12
D) with atomic number 19

Q48- Which statement is correct for left to right movement in periodic table?
A) elements become less metallic from left to right
B) number of valence electrons increases
C) atoms lose electrons easily
D) oxides become more acidic

Q49- In periodic table, Helium is placed at ___

A) top left corner
B) bottom right corner
C) bottom left corner
D) top right corner

Q50- The number of electrons in valence shell is equal to -

A) Atomic mass
B) Group number
C) period number
D) Atomic volume