

Class: X Name of Student.....

Darken the circle against the correct option of the following questions with a pencil / pen:

- ① Symbol of Sodium, Copper and Magnesium are respectively
- |                   |                       |                   |                       |
|-------------------|-----------------------|-------------------|-----------------------|
| (a) Na, Mg and Cu | <input type="radio"/> | (b) Na, Cu and Mg | <input type="radio"/> |
| (c) Mg, Na and Cu | <input type="radio"/> | (d) Cu, Na and Mg | <input type="radio"/> |
- ② Symbol of Chlorine and Chloride are respectively
- |                          |                       |                          |                       |
|--------------------------|-----------------------|--------------------------|-----------------------|
| (a) Cl and $\text{cl}^-$ | <input type="radio"/> | (b) $\text{Cl}^-$ and cL | <input type="radio"/> |
| (c) Cl and $\text{Cl}^-$ | <input type="radio"/> | (d) $\text{cl}^-$ and cl | <input type="radio"/> |
- ③ Formula formed by the combination of Silver and Iodine is
- |         |                       |         |                       |
|---------|-----------------------|---------|-----------------------|
| (a) Agi | <input type="radio"/> | (b) AGI | <input type="radio"/> |
| (c) AgI | <input type="radio"/> | (d) agI | <input type="radio"/> |
- ④ Valency of Potassium and chlorine are respectively
- |               |                       |               |                       |
|---------------|-----------------------|---------------|-----------------------|
| (a) +1 and +1 | <input type="radio"/> | (b) +1 and +2 | <input type="radio"/> |
| (c) +1 and -1 | <input type="radio"/> | (d) -1 and +1 | <input type="radio"/> |
- ⑤ The correct formula of Calcium phosphate is
- |                                |                       |                                  |                       |
|--------------------------------|-----------------------|----------------------------------|-----------------------|
| (a) $\text{Ca}_3(\text{PO}_4)$ | <input type="radio"/> | (b) $\text{Ca}_3(\text{PO}_4)_2$ | <input type="radio"/> |
| (c) $\text{Ca}(\text{PO}_4)_2$ | <input type="radio"/> | (d) $\text{Ca}_2(\text{PO}_4)_3$ | <input type="radio"/> |
- ⑥ The atoms of the same element, having the same atomic number but different mass numbers are
- |             |                       |              |                       |
|-------------|-----------------------|--------------|-----------------------|
| (a) Isobars | <input type="radio"/> | (b) Isotopes | <input type="radio"/> |
| (c) Isomers | <input type="radio"/> | (d) Isotherm | <input type="radio"/> |
- ⑦ Chemical formula of Aluminium hydroxide is
- |                          |                       |                          |                       |
|--------------------------|-----------------------|--------------------------|-----------------------|
| (a) Al (OH)              | <input type="radio"/> | (b) Al (OH) <sub>2</sub> | <input type="radio"/> |
| (c) Al (OH) <sub>3</sub> | <input type="radio"/> | (d) Al <sub>3</sub> (OH) | <input type="radio"/> |
- ⑧ Atomic number of an atom is equal to ..... present in an atom.
- |                         |                       |                       |                       |
|-------------------------|-----------------------|-----------------------|-----------------------|
| (a) Number of electrons | <input type="radio"/> | (b) Number of protons | <input type="radio"/> |
| (c) Number of neutrons  | <input type="radio"/> | (d) Both (a) and (b)  | <input type="radio"/> |
- ⑨ Sodium is written as  $_{11}\text{Na}^{23}$  which indicates that it has
- |  |                       |
|--|-----------------------|
| (a) atomic number 23 and mass number 23. | <input type="radio"/> |
| (b) atomic number 11 and mass number 11  | <input type="radio"/> |
| (c) atomic number 11 and mass number 23  | <input type="radio"/> |
| (d) atomic number 11 and mass number 34  | <input type="radio"/> |
- ⑩  $\text{Mg}(\text{OH})_2$  is
- |   |                       |                           |                       |
|---|-----------------------|---------------------------|-----------------------|
| (a) Magnesium oxide                         | <input type="radio"/> | (b) Magnesium hydroxide   | <input type="radio"/> |
| (c) Milk of Magnesia or Magnesium hydroxide | <input type="radio"/> | (d) Magnesium oxyhydrogen | <input type="radio"/> |