

- Q.1 what is the position of hydrogen in the modern periodic table? (1)
- Q.2 where are the isotopes of the same elements having different atomic masses placed in the periodic table? (1)
- Q.3 An element M is the third group of the periodic table. Write the formula of its oxide? (1)
- Q.4 What is the valency of magnesium with atomic no. 12 and chlorine with atomic no. 17? (1)
- Q.5 what is the difference in number of shell in magnesium and sulphur? (1)
- Q.6 on the basis of electronic configuration, how will you select (1)
- i) the terminating member in a period.
 - ii) the chemically similar elements.
- Q.7 Give reason as to why the atomic radii of elements increase in a group while moving from top to bottom? (2)
- Q.8 element in a group of periodic table have similar chemical properties why? (2)
- Q.9 explain why atomic number is more important than atomic weight in determining chemical properties? (2)
- Q.10 where in periodic table do we find:
- i) elements classified as non metal.
 - ii) elements forming negative ions.
 - iii) elements with high melting points.
 - iv) elements forming positive ions. (2)