

**Q7. Two atoms are said to be isobars if**

**(a) they have same atomic number but different mass number.**

**(b) they have same number of electrons but different number of neutrons.**

**(c) they are same number of neutrons but different number of electrons.**

**(d) Sum of the number of protons and neutrons is same but the number of protons is different.**

**Sol:** (d) Isobars have different atomic number, i.e., number of protons but same mass number, i.e., sum of number of protons and neutrons.