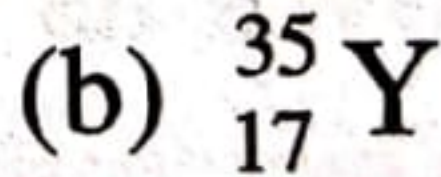
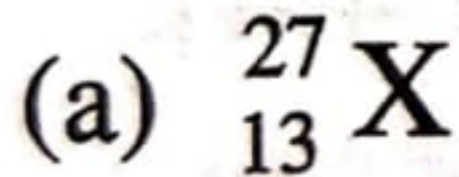


9. Write down the electronic configuration of the following :



Write down the number of electrons in X and neutrons in Y.



3. The atom of an element is made up of 4 protons, 5 neutrons and 4 electrons. What are its atomic number and mass number ?



**5.** Draw diagrams representing the atomic structures of the following :

**(a) Sodium atom**

**(c) Carbon atom**

**(b) Chlorine ion**

**(d) Oxygen ion.**





29. Give the postulates of Bohr's atomic model.

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State one major drawback of Rutherford's model.