



CHEMISTRY

NCERT - NCERT Chemistry(Malayalam)

STRUCTURE OF ATOM

Let Us Assess

1. Names of some scientists and their contributions are given shuffled in the

following table. Match them suitably.

Scientist	Contribution
John Dalton	Law of Electrolysis
Michael Faraday	Planetary Model of Atom
J.J. Thomson	Atomic theory
Rutherford	Discovered electron



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2. Atomic number of an atom $Z=17$, Mass Number $A=35$.

Find the number of protons, electrons and neutrons in the atom.



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3. Atomic number of an atom $Z=17$, Mass Number $A= 35$.

Write the electronic configuration of the atom.



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4. Atomic number of an atom $Z=17$, Mass number 35.

Draw the Bohr model of atom.



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5. The mass number of an atom is 31. The M shell of this atom contains 5 electrons.

Write the electronic configuration.



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6. The mass number of an atom is 31. The M shell of this atom contains 5 electrons.

What is the atomic number of this atom?



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7. The mass number of an atom is 31. The M shell of this atom contains 5 electrons.

How many neutrons does this atom have?



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8. The mass number of an atom is 31. The M shell of this atom contains 5 electrons.

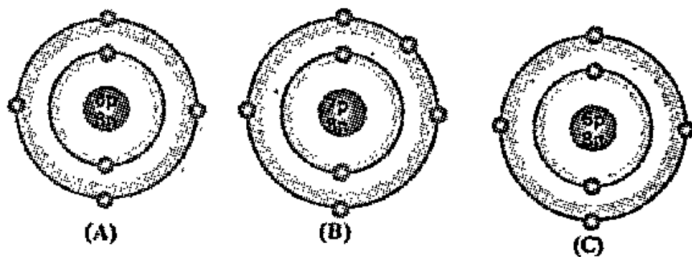
Draw the Bohr model of the atom.



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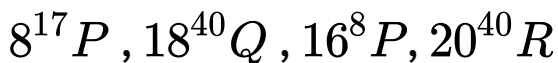
9. Bohr models of atoms A, B, C, are given
(Symbols are not real).

Among these, which are isotopes? Why?



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10. Symbols (not real symbols) of some atoms
are given.

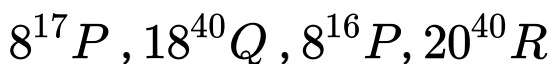


Find the atomic number and mass number of these elements.



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11. Symbols (not real symbols) of some atoms are given.

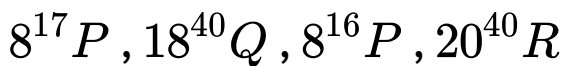


Which among these, are isotopic pairs?



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12. Symbols (not real symbols) of some atoms are given.



Draw the Bohr model of atom Q



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