

## **Quadrant IV– Assessment (Module –wise)**

**Programme : Bachelor of Science (First Year)**

**Subject : Chemistry**

**Paper Code : CHC-101**

**Paper Title : Inorganic Chemistry and Organic Chemistry**

**Unit : Atomic Structure**

**Module Name : Need of a New Approach to Atomic structure**

**Module No: 05**

**Name of the Presenter : Ms. Monica M. Ghadi**

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### **MCQ**

- 1) Who determine the structure of an atom.  
A) John Dalton  
B) J.J. Thomson  
C) Ernest Rutherford  
D) Neil's Bohr

### **Completion type (fill-in-the-blanks)**

- 1) Subatomic particles are the particles that constitute an atom.  
Generally, subatomic particles term refers to \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

### **Short Answer – I (short notes - say 20 to 50 words)**

Atoms are the basic units of matter and defining structure of elements. Atoms are made up of 3 particles: protons, neutrons and electrons. Nucleus the central part of an atom composed of protons and neutrons and contains most of the atoms mass. Protons positively charged particle found within an atomic nucleus. Neutrons uncharged particles found within an atomic nucleus. Electron negatively charged particle located in shells that surround an atom's nucleus.

