

Test: Chemistry	Class: 9th
Time: 40 Min.	Max. Marks: 20
Name: _____	Section: _____
Group- _____	Date: _____

Q. No.1. Choose the Correct Answer.**1 x 5 = 5**

- Who discovered electron
a) J.J thomson b) Rutherford c) Bohr d) Planck
- Canal rays were discovers by
a) Goldstein b) Thomson c) Dalton d) Crooks
- Which one of the following is most penetrating?
a) Proton b) electron c) neutron d) alpha particals
- Rutherford used a gold foil in his experiment, which has thickness of
a) 0.002 cm b) 0.00004 cm c) 0.0001 cm d) 0.4 cm
- Who described the concept of continuous spectrum in his model?
a) Rutherford b) Bohr c) Both a and b d) chadwick

(SUBJECTIVE TYPE)**Q. No.2. Give Short Answers of the following questions.****2 x 5 = 10**

- Give three properties of positive rays.
- Define plum pudding model, who presented it.
- What is Dolton atomic theory?
- What are the defects of Ruther ford's atomic model?
- Explain how anode rays are formed the gas taken in the discharge tube?

Q. No.3. How are cathode rays produced? What are its major characteristics?**5**

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(SUBJECTIVE TYPE)**Q. No.2. Give Short Answers of the following questions.****2 x 5 = 10**

- What is Dolton atomic theory?
- What are the defects of Ruther ford's atomic model?
- How does electron differ from a neutron?
- Give three properties of positive rays.
- Define plum pudding model, who presented it.

Q. No.3. How Rutherford discovered that atom has a nucleus located at the centre of the atom.**5**