

Morning Assignment 01 jun 2026
Structure of atom Module-atom.01

Short QAs

- 1.1. Who first proposed the idea of atom?
- 2.3. Who gave the atomic theory on scientific basis?
- 3.5. What is Dalton's atomic theory?
- 4.8. What are sub-atomic particles?
- 5.9. State the basic rule of charged particles.
- 6.10. Who studied electricity through electrolyte solutions?
- 7.11. What did Faraday's experiments suggest?
- 8.12. What is a cathode ray discharge tube?
- 9.13. From where do cathode rays originate?
- 10.14. Towards which electrode do cathode rays move?
- 11.16. What happens when cathode rays strike zinc sulphide?
- 12.17. How do cathode rays travel in absence of fields?
- 13.19. What is the charge on an electron?
- 14.20. Who discovered the electron?
- 15.21. Do cathode ray properties depend on the gas used?
- 16.22. Do cathode ray properties depend on electrode material?
- 17.23. Why are electrons called basic constituents of atoms?
- 18.24. What is fluorescence?
- 19.25. What is phosphorescence?

MCQs

- 20.5. According to Dalton, atoms are:
A) Divisible B) Negatively charged C) Indivisible
D) Neutral particles only
- 21.7. Which scientist studied electricity through electrolyte solutions?
A) John Dalton B) Michael Faraday C) Niels Bohr
D) James Chadwick

- 22.8. Cathode rays move from:
A) Anode to cathode B) Cathode to anode C)
Electrode to solution D) Nucleus to electron
- 23.9. Cathode rays consist of:
A) Positively charged particles B) Neutral particles
C) Negatively charged particles D) Alpha particles
- 24.10. The negatively charged particles discovered
in cathode rays are called:
A) Protons B) Neutrons C) Electrons D) Positrons
- 25.11. Who discovered the electron?
A) J. J. Thomson B) Ernest Rutherford C) Niels
Bohr D) John Dalton
- 26.12. Cathode rays travel in:
A) Circular path B) Zig-zag path C) Straight line
D) Random path
- 27.13. Which material glows when struck by
cathode rays?
A) Copper sulphate B) Zinc sulphide C) Sodium
chloride D) Calcium oxide
- 28.18. Unlike charges:
A) Repel each other B) Destroy each other C)
Attract each other D) Produce light only
- 29.19. A cathode ray tube contains gas at:
A) High pressure B) Atmospheric pressure C)
Very low pressure D) Zero pressure
- 30.20. Television picture tubes are based on:
A) Alpha rays B) Beta rays C) Cathode rays D) X-
rays

Help →

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