ARJUNA (NEET)

STRUCTURE OF ATOM

DPP-1

1. Electron was discovered by
   (A) J.J. Thomson (B) Rutherford
   (C) Madam Curie (D) E. Goldstein

2. Proton was discovered by
   (A) J.J. Thomson (B) Rutherford
   (C) Madam Curie (D) E. Goldstein

3. Nucleus was discovered by
   (A) J.J. Thomson (B) Rutherford
   (C) Madam Curie (D) E. Goldstein

4. What is the specific charge on $e^{\ominus}$?
   (A) 1.76×10^{8} c/gm
   (B) 1.76×10^{11} c/kg
   (C) Both A & B
   (D) 9.1×10^{-31} c/kg

5. What is mass of one $e^{\ominus}$ in kg ?
   (A) 9.1×10^{-31} kg
   (B) 1.67×10^{-27} kg
   (C) 1.66×10^{-27} kg
   (D) 1.6×10^{-19} kg

6. What is the charge of $e^{\ominus}$?
   (A) -1.6×10^{-19} C (B) $+1.6 \times 10^{-19}$ C
   (C) Zero (D) None of these

7. What is the charge of 1 mole $e^{\ominus}$?
   (A) -1.6×10^{-19} C (B) 96500 C
   (C) 1 Farraday (D) Both B & C

8. What is the mass of one proton?
   (A) 9.1×10^{-31} kg (B) 1.66×10^{-27} kg
   (C) 96500 kg (D) 1.6×10^{-19} kg

9. What is the charge on one proton?
   (A) $+1.6 \times 10^{-19}$ C (B) Zero
   (C) -1.6×10^{-19} C (D) 9.1×10^{-31} C

10. What is the charge on Neutron?
    (A) 1.67×10^{-27} C (B) Zero
    (C) -1.6×10^{-19} C (D) $+1.6 \times 10^{-19}$ C

ANSWERS KEY

1. (A)
2. (D)
3. (B)
4. (C)
5. (A)
6. (A)
7. (D)
8. (B)
9. (A)
10. (B)

Note - If you have any query/issue

Mail us at support@physicswallah.org