



- Q-5** Explain Rutherford's experiment with necessary diagram, its interpretation of structure of atom with drawbacks. **(14)**
- Q-6** **Attempt all questions** **(14)**
- a) What is Schrodinger wave equation and explain its usefulness. **06**
- b) Explain in detail the meaning of normalization and probability. **08**
- Q-7** Write a note on two slit experiment with necessary diagram. **(14)**
- Q-8** What do you mean by superposition of waves? Explain superposition of two waves with necessary diagram and formulation. **(14)**

