

**B.Sc DEGREE EXAMINATION, EVEN SEMESTER 2021**  
**II Year IV Semester**  
**Allied Physics-II**

**Max.marks :25**

Answer any **FIVE** questions ( $5 \times 5 = 25$ ) Marks

1. Write a note on wedge shaped film
2. Give a detailed account of the Vector atom model.
3. Explain the Liquid drop model of the Nucleus.
4. Describe the porous plug experiment.
5. State and Prove De Morgans theorems.
6. Mention any five Practical application of Low temperature
7. Prove that NAND are Universal building blocks.