

PG-III Open Elective Physics (2nd Internal Exam 2025)

Time:1Hr

Answer any four of the followings in about 50 words:

1. Write the rate equation of 4-Level Laser.
 2. Describe Ruby Laser in brief.
 3. Describe briefly about quantum dots.
 4. Discuss PN-Junction Diode in brief.
 5. Draw the characteristic curve of the zener diode.
 6. Find the miller indices of a plane (2,3,6)
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