

Part 1: 50 Multiple Choice - 1 Mark Each

- These consist of short calculation questions and concept questions of all topics.
- This section should be completed within an hour.

Part 2: 10 Work Problems - 5 Marks Each - Below lists the main concept of each question.

1. Finding the resultant of four vectors using a scale diagram.
2. Standing wave.
3. Mirror Equation
4. Lens & Magnification Equation
5. Snell's Law and Index of Refraction
6. Motion: Velocity and Acceleration
7. Motion: Velocity and Acceleration
8. Lens Maker's Formula
9. Lens Maker's Formula (from a scale diagram)
10. Short Answer Problem (waves)