Day 1:
- Physics, Technology and Society
- Units
- Derived Units
- SI System for Units
- Error

Day 2:
- Dimensional Formulae and Dimensions
- Application of Dimension Analysis
- Significant Figures
- Accuracy and Precision of Measuring Instruments

Day 3:
- Frame of Reference
- Motion in Straight Line
- Speed, Velocity and Acceleration
- Average and Instantaneous Acceleration

Day 4:
- Uniformly Accelerated Motion
- Graphical Representation of Uniformly Accelerated Motion
- Motion of a Freely Falling Body
- Relative Velocity

Day 5:
- Motion in a Plane
- Motion in Two Dimensional
- Displacement, Velocity and Acceleration in Two Dimensional Motion
- Projectile Motion
- Relative Motion in Two Dimension
- Different Type of Problems Based on Relative Motion

Day 6:
- Scalar Quantity
- Vector Quantity
- General Points Regarding Vectors
- Properties of Vectors
- Operation of Vectors

ExperTs Speak: Topic 1, day 1 is asked in boards only. Questions of this portion are asked as fillers only. However this portion of syllabus serves as the basic need to grip the subject. In NEET one question is usually asked on topic 4 day 2. Repetitive readings of Topic 1 day 3 are required to develop the logic, its application is seen in numericals. Topic 4 day 4 and topic 1, 2, 3 day 6 are very important especially for bullet, rain drop, swimmer and boat type problems. Day 7 topics are essential for applications in numericals. Random testing is required initially to test your understanding of first 7 days. As most of the part of first 7 days serves as the basis for gripping the subject, thus, it is advisable not to move on day 8th topics until you develop confidence in these topics.

Day 9:
- Definition of Circular Motion
- Kinematics of Circular Motion
- Terms Related to Circular Motion
- Centripetal Forces
- Application of Centripetal Forces
- Application of Centrifugal Forces

Day 10:
- Concept of Forces
- Type of Forces
- Inertia
- Impulse
- Newton’s Law of Motion
- Different Types of Example Based on Newton’s Law of motion
- Equilibrium of Concurrent Forces
- Linear Momentum

Day 11:
- Energy
- Types of Energy
- Conservation of Mechanical Energy
- Law of Conservation Energy
- Work-Energy Theorem

Day 12:
- Power
- Elastic and Inelastic Collisions in One Dimensions
- Elastic and Inelastic Collisions in Two Dimensions
- Newton’s Law of Gravitation
- Acceleration due to Gravity
- Gravitational Field
- Gravitational Potential

Day 13:
- Escape Velocity
- Kepler’s Laws of Planetary Motion
- Universal Law of Gravitation
- Artificial Satellite
- Terms Related to Artificial Satellite
- Geostationary Satellites

Day 14:
- Centre of Mass
- Centre of Mass of Some Symmetrical Bodies
- Rigid Body
- Rotational Motion
- Moment of Intertia
- Torque

Day 21:
- Angular Momentum
- Rotational Kinetic Energy
- Motion of Block Rolling Without Slipping

ExperTs Speak: Bending of cycle, Banked road, Racing Track problems, circular path of any vehicle etc. are important problems related to day 9. Topic 3 & 4 day 10 are very important for direct questions while Topic 1 & 2 of same day are required for basic applications. Working on day 11 and 12 can be clubbed together. Topic 2 & 3 of day 15, Topic 3 day 17, all topics day 18, 19, 20 and 21 are very important for direct questions. Random and planned (Complete Mechanics) testing is required to judge the exact learning after 21st day as a major portion of mechanics is finished. For topics underlined above learning with direct solved examples will be beneficial.

Day 22:
- Sound Waves
- Velocity of Sound
- Wave Motion
- Progressive Waves
- Principle of Superposition Of Waves
- Interference of Waves

Day 23:
- Reflection of Waves
- Standing or Stationary Waves
- Nodes and Antinodes
- Fundamental Tone, Overtones and Harmonics
- Beats
- Doppler’s Effect

Day 24:
- Water Equivalent
- Heating Curve
- Degree of Freedom
- Molecular Theory of Gases
- Zeroth Law of Thermodynamics
- First Law of Thermodynamics

Day 35:
- Heat Exchange and Latent Heat
- Principal of Calorimetry
- Heat Engine and Refrigerator
- Carnot Engine

Day 40:
- Heat Transfer
- Different Types of Heat Transfer
- Perfectly Black Body
- Kirchhoff’s Law
- Stefan’s Law

Day 41:
- Newton’s Law of Cooling
- Wien’s Displacement Law

ExperTs Speak: All Topics of day 24, day 28, day 40, and day 42 are required for basic applications. Topic 2 & 3 of day 25, topic 3 of day 26, topic 1 & 3 of day 27, topic 3 & 4 of day 29, topic 1, day 33, topic 1 of day 35, topic 3 & 4 of day 39, are very important for direct questions.
Especially look for direct questions involving streamline flow, interference of waves, nodes and antinodes, Doppler's effect, Mechanical spring ball model, compressing they cylinder, Heat pump and green house effect, these are important. Use random testing for Topics till Day 29th for self analysis and use planned tests in two section i.e.,
(a) Day 22nd to 29th (Sound of SHM)
(b) Day 30th to 41st (Fluid Mechanics)

Topics after day 42nd belongs to class 12th and will be fresh in your memory. Thus, these require less effort to gain perfection. All the topics till day 50th require vector emphasis for your preparation

Topics day 57, 58, Topic 2 day 59, All Topics day 45, 49, 53, 63, 64, 66 and 67 are required essentially for basic applications. Topic 2, 3 of day 54, Topic 2 of day 54, all Topics day 57 , 58, Topic 2 day 59, All Topics day 61, 62, 63, Topic 3 day 64, Topic 2 day 65 are important for direct questions like KE of cyclotron, conversion of galvanometer into ammeter and voltmeter, neural point , angle dip, hysteresis curve, dynamo, induced emf and transformers based questions. Begin this complete section everyday with randomized check through random test to analyses your points of emphasis for your preparation

**DAY 71** - Electromagnetic Spectrum
- Use of Electromagnetic Spectrum

**DAY 72** - Reflection of Light
- Mirror Formula

**DAY 73** - Refraction of Light
- Refraction Index

**DAY 74** - Total Internal Reflection
- Refraction from Spherical Surface
- Lens
- Refraction through a Prism

**DAY 75** - Microscope
- Type of Microscope
- Terms Related to Microscope

**DAY 76** - Telescope
- Types of Telescope
- Terms Related to Telescope

**DAY 77** - Wave Nature of Light
- Interference of Light
- Young’s Double Slit Experiment
- Diffraction of Light

**DAY 78** - Laws of Reflection using Huygen’s Principle
- Laws of Refraction Using Huygen’s Principle

**DAY 79** - Polarisation of Light
- Plane of Vibration and Plane of Polarisation of Plane of Polarised Light
- Polaroid

**DAY 80** - Dual Nature of Matter
- De-Broglie Wavelength Associate with Orbital Electron
- Partical Nature of Light

**DAY 81** - Photo Electric Effect
- Laws of Photo Electric Effect

- Davison-Germer Experiment
- Hertz and Lenard’s Observations

**DAY 82** - Scattering of Alpha Particle
- Rutherford’s Atomic Model
- Bohr’s Atomic Model

**DAY 83** - Hydrogen Spectrum
- Ionisation Energy Potential
- Excitation Energy Potential

**DAY 84** - Nuclear
- Isotopes, Isobars and Isotones
- Mass Defect and Binding Energy

**DAY 85** - Radioactivity
- Radioactivity Disintigration
- Nuclear Reaction Types

**DAY 86** - Energy Bands in Solids
- Semi-conductor
- P-N Junction Diode
- P-N Junction Diode as a Rectifier

**DAY 87** - Transistor
- Type of Transistor
- Transistor as Amplifier
- Transistor as a Switch
- Transistor Characteristics
- Oscillator

**DAY 88** - Digital Electronics
- Basic Logic Gates
- Combination of Logic Gates
- Universal Logic Gates

**DAY 89** - Communication System
- Propagation of Electromagnetic Wave through Atmosphere

**DAY 90** - MODEM
- Different Types of Communication
- Mobile Telephony
- GPS

**EXPERTS SPEAK** This last segment of your preparation is very very important as considerable numbers of questions are asked from this portion. These topics, on the contrary, are easy to revise and prepare as well because a major portion of this segment show overlapping with chemistry syllabus.

All topics day 72 & 73, are required for basic application. Direct questions can be asked from topics of day 70, 71, 74 and 75 of segment 1 (topics), give special emphases on problems involving lens maker formula, angular dispersion and dispersive power, YDSE and polaroid.

In the segment 2 (Modern Physics) most of the portion is overlapped with chemistry syllabus. Give special emphasis on photoelectric effect, stopping potential, radioactivity.