Padasalai’s Telegram Groups!

(தமிழ், தமிழ், தமிழ், தமிழ், தமிழ், தமிழ், தமிழ், தமிழ்)

- Padasalai's NEWS - Group
  https://t.me/joinchat/NIfCqVRBNj9hhV4wu6_NqA

- Padasalai's Channel - Group
  https://t.me/padasalaichannel

- Lesson Plan - Group
  https://t.me/joinchat/NIfCqVWwo5iL-21gpzrXLw

- 12th Standard - Group
  https://t.me/Padasalai_12th

- 11th Standard - Group
  https://t.me/Padasalai_11th

- 10th Standard - Group
  https://t.me/Padasalai_10th

- 9th Standard - Group
  https://t.me/Padasalai_9th

- 6th to 8th Standard - Group
  https://t.me/Padasalai_6to8

- 1st to 5th Standard - Group
  https://t.me/Padasalai_1to5

- TET - Group
  https://t.me/Padasalai_TET

- PGTRB - Group
  https://t.me/Padasalai_PGTRB

- TNPSC - Group
  https://t.me/Padasalai_TNPSC
2 Year Study Plan For JEE Main & Advanced Exams

Year 1

Physics

May – July

1. Units, dimensions, errors
2. Motion in a straight line
3. Motion in a plane
4. Laws of motion
5. Work, energy, power
6. Rotational mechanics

Aug – Oct

7. Collisions (Conservation of momentum)
8. Simple harmonic motion
9. Elasticity
10. Fluid mechanics
11. Gravitation

Nov – Jan

12. Waves and oscillations
13. Thermodynamics
14. Heat transfer

Chemistry

May – July

1. Stoichiometry and redox reactions
2. Atomic structure
3. Gaseous state
4. Thermodynamics
5. Chemical equilibrium

Aug – Oct
6. Ionic equilibrium
7. Nuclear chemistry
8. Alkanes
9. Alkenes and alkynes
10. Alkyl halides and aromatic compounds

Nov – Jan

11. Isomerisms
12. Periodic table
13. Chemical bonding

Jan – Apr

14. s-block elements
15. p-block elements
16. Electrochemistry

Mathematics

May – July

1. Quadratic equations
2. Inequalities
3. Sequences and series
4. Permutations and combinations
5. Complex numbers

Aug – Oct

6. Trigonometric ratios, identities, and equations
7. Straight lines
8. Circles
9. Parabola

Nov – Jan

10. Ellipse
11. Hyperbola
12. Relations and functions
13. Limits, continuity, and differentiability

Jan – Apr

14. Mathematical reasoning
15. Probability

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16. Statistics

**Year 2**

**Physics**

**May – July**

1. Geometrical optics
2. Wave optics
3. Electric charges, forces and fields

**Aug – Oct**

4. Electric potential and capacitance
5. Current electricity
6. Moving charges and magnetism

**Nov – Jan**

7. Electromagnetic induction
8. Alternating current
9. Modern physics

**Jan – Apr**

10. Nuclear physics and radioactivity
11. Semi-conductors
12. Communication system
13. Experimental physics
14. Revision

**Chemistry**

**May – July**

1. Electrochemistry
2. Chemical kinetics
3. Solid state
4. Solutions and colligative properties
5. Surface chemistry

**Aug – Oct**

6. Alcohols, phenols and ethers
7. Aldehydes and ketones
8. Carboxylic acid and derivatives

Nov – Jan

9. Amines and aromatic compounds containing nitrogen
10. Biomolecules and polymers
11. Practical organic chemistry

Jan – Apr

12. Co-ordination compounds
13. Extractive metallurgy
14. Qualitative analysis
15. d and f-block elements
16. Chemistry in everyday life
17. Revision

Mathematics

May – July

1. Determinants
2. Matrices
3. Probability

Aug – Oct

4. Solutions of triangle
5. Inverse trigonometric functions
6. Methods of differentiation and applications of derivatives

Nov – Jan

7. Indefinite integration
8. Definite integration
9. Differential equations

Jan – Feb

10. Area under the curve and linear programming
11. Vectors
12. 3D geometry

March – April: Rigorous Revision and Problem solving

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Thanks to Mr. Abbas Bashith