

9TH IIT/ NEET FOUNDATION- LAURUS SCHOOL

| DATE | DAY | MATHS | PHYSICS | CHEMISTRY | BIOLOGY |
|------------|----------------------------|--|-------------------------------------|---|--|
| 16/06/2023 | FRIDAY | Introduction for IIT concepts | introduction classes of IIT | Introduction to Foundation program | Introduction to Foundation program |
| 19/06/2023 | MONDAY | Introduction for IIT concepts | introduction classes of IIT | Basics to Foundation program | Basics to Foundation program |
| 23/06/2023 | FRIDAY | Introduction for IIT concepts | introduction classes of IIT | Basics to Foundation program | Cell division - Introduction |
| 26/06/2023 | MONDAY | Real Numbers (concept) | Vectors - intro | Basics to Foundation program | Cell cycle - S phase, G phase |
| 30/06/2023 | FRIDAY | Real Numbers (class activity) | parallelogram of vectors | Atomic structure - Introduction | Cell cycle - M phase, regulation |
| 03/07/2023 | MONDAY | Real Numbers (home activity) | Resolution of vectors | Electromagnetic spectrum - Plank's quantum theory | Types of cell division - amitoses |
| 07/07/2023 | FRIDAY | Polynomials(concept) | lami's theorem | Types of spectrum | Mitosis and Meiosis |
| 10/07/2023 | MONDAY | Polynomials(concept) | multiplication of vectors | Hydrogen spectrum | Mitosis and meiosis |
| 14/07/2023 | FRIDAY | Polynomials(class activity) | vector product | Bohr's Atomic Model & Limitations | assignments |
| 17/07/2023 | BONNALU | | | | |
| 21/07/2023 | FRIDAY | Polynomials(class activity) | problems | Quantum Numbers | asexual Reproduction - introduction |
| 24/07/2023 | MONDAY | Polynomials(home activity) | problems | Electronic distribution rules - Electronic Configuration | types - fission , fragmentation |
| 28/07/2023 | FRIDAY | Lines and Angles(concept) | Gravitation | Exercise | regeneration , budding ,spore formation |
| 31/07/2023 | MONDAY | Lines and Angles(class activity) | g , variations | Periodic Properties - Introduction | vegetative propagation - natural |
| 04/08/2023 | FRIDAY | Lines and Angles(home activity) | inertial and gravitational masses | Periodic Properties - Atomic radius | vegetative propagation - artificial |
| 07/08/2023 | MONDAY | Mensurations(concept) | GPE | Periodic Properties - Ionization Enthalpy | advantages and disadvantages |
| 11/08/2023 | FRIDAY | Mensurations(concept) | examples, problems | Periodic Properties - Electron gaining enthalpy | assignments |
| 14/08/2023 | MONDAY | Mensurations(class activity) | keplers law of motion | Electronegativity, Nature of oxides & Diagonal relationship. | al reproduction - introduction , gamote form |
| 18/08/2023 | FRIDAY | Mensurations(home activity) | orbital and escape velocity | Chemical Bonding - Types of Bonds | gamete transfer |
| 21-0-2023 | MONDAY | Trigonometry (concept) | Energy & weightlessness | Ionic Bond, Covalent bond, Coordinate covalent bond. | fertilisation |
| 25/08/2023 | VARALAKSHMI VRATHAM | | | | |
| 28/08/2023 | MONDAY | Trigonometry (compound Angles) | problems | Hydrogen bonding | in flowering plants - Flower, pollination |
| 01/09/2023 | FRIDAY | Trigonometry (compound Angles) | static electricity | Valency Bond theory - Sigma and Pi Bond formation | growth, development, germination |
| 04/09/2023 | MONDAY | Trigonometry (class activity) | methods of charging, coulombs law | Hybridisation - Types of hybridisation. | human reproductive system |
| 08/09/2023 | FRIDAY | Trigonometry (Home activity) | principle of superposition | Hybridisation - Types of hybridisation. | fertilisation and embryo development |
| 11/09/2023 | MONDAY | Trigonometry (multiple Angles) | Electric field | VSEPR theory | reproductive health |
| 15/09/2023 | FRIDAY | Trigonometry (submultiple Angles) | examples and problems | Polarity in Bonds and Dipolemoment. | infertility |
| 18/09/2023 | GANESH | | | | |
| 22/09/2023 | FRIDAY | Trigonometry (class activity) | Latent heat- specific heat | Exercise | immune system - introduction |
| 25/09/2023 | MONDAY | Trigonometry (Learn yourself) | fusion & vapourization | stoichiometry - introduction (Empirical and Molecular formula | anatomy |
| 29/09/2023 | FRIDAY | Trigonometry (home activity) | Joule's law and examples | Redox reactions - Types of redox reactions. | anatomy |
| 02/10/2023 | GANDHI JAYANTHI | | | | |
| 06/10/2023 | FRIDAY | Binomial theorem(concept) | problems | Balancing Redox reactions - Oxidation number method | types of immunity |
| 09/10/2023 | MONDAY | Binomial theorem(concept) | Thermodynamics | Balancing Redox reactions - ion electron method | conditions and disorders |
| 13/10/2023 | FRIDAY | Binomial theorem(concept) | Zeroth law | Exercise | AIDS, CANCER |
| 27/10/2023 | FRIDAY | Binomial theorem(class activity) | First law | Ionic equilibrium - Introduction | Care of immune system |
| 30/10/2023 | MONDAY | Binomial theorem(learn yourself) | adiabatic process | Ionization of acids & Ionic product of water | assignments |
| 03/11/2023 | FRIDAY | Binomial theorem(home activity) | Cp-Cv= R , special cases | pH Concept | health and disease - introduction |
| 06/11/2023 | MONDAY | Permutations and combinations(concept) | problems | pH Concept - Calculations | types of diseases |
| 10/11/2023 | FRIDAY | Permutations and combinations(concept) | heat transfer, thermal conductivity | pH in daily life - Exercise | common diseases |
| 13/11/2023 | MONDAY | Permutations and combinations(concept) | series and parallel connections | Introduction - Reversible and irreversible reactions | modes of transmission |
| 17/11/2023 | FRIDAY | Permutations and combinations(concept) | problems | Chemical equilibrium - Introduction | Malaria, AIDS, CANCER, Drugs |
| 20/11/2023 | MONDAY | Permutations and combinations(class activity) | Light - intro | Types of equilibrium | Principles of treatment |
| 24/11/2023 | FRIDAY | Permutations and combinations (learn yourself) | images | Law of mass action - Equilibrium constant | heredity, genetics |
| 27/11/2023 | MONDAY | The Straight lines(concept) | laws of reflection | Relation between Kp and Kc | Mendel's laws |
| 01/12/2023 | FRIDAY | The Straight lines(concept) | examples and problems | Exercise | dominance - incomplete , co-dominance |
| 04/12/2023 | MONDAY | The Straight lines(concept) | problems | Chemical kinetics - Introduction | sex determination |
| 08/12/2023 | FRIDAY | The Straight lines(class activity) | Sound - types of waves | Types of reactions | genetic and chromosomal disorders |
| 11/12/2023 | MONDAY | The Straight lines(home activity) | velocity of the transverse wave | Rate of reaction - Factors influencing rate of reaction. | biotechnology - introduction , techniques |
| 15/12/2023 | FRIDAY | The Straight lines(learn yourself) | wave Eqn & displacement Eqn | Order and molecularity of reaction | tools of recombinants DNA technology |
| 18/12/2023 | MONDAY | probability(concept) | stationary wave , stretched string | Zero, first, second and pseudo first order reactions | tools of recombinants DNA technology |
| 22/12/2023 | FRIDAY | probability(concept) | examples and problems | GOC - IUPAC Nomenclature - Rules | isolation and cloning of DNA |
| 25/12/2023 | CHRISTMAS | | | | |
| 29/12/2023 | FRIDAY | probability(concept) | organ pipes | GOC - IUPAC Nomenclature - Exercise | Application of biotechnology |
| 01/01/2024 | NEW YEAR | | | | |
| 05/01/2024 | FRIDAY | probability(class activity) | echo , reverberation | GOC - IUPAC Nomenclature - Exercise | our environment - ecosystem |
| 08/01/2024 | MONDAY | probability(home activity) | Doppler effect, special cases | GOC - Isomerism - Types of isomerism - Examples | food chain and pyramids |
| 12/01/2024 | FRIDAY | probability(learn yourself) | examples and problems | GOC - Isomerism - Types of isomerism - Exercise | st of human activities - ozone layer& manage |
| 15/01/2024 | PONGAL | | | | |
| 19/01/2024 | FRIDAY | Revision | Revision & Doubt session | Revision | Revision |
| 22/01/2024 | MONDAY | Grand Test | GRAND TEST | Grand Test | Grand Test |