



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



### CLASS : XII

### English Core

| Month        | Working Days            | Unit/Chapter Number   | Topic/Chapter Name  | Sub Topic   | Practical/Activities   |
|--------------|-------------------------|---|---|---|------------------------|
| April'26     | 22                      | FLAMINGO:<br>PROSE 1<br>POERTY 1  | The Last Lesson   | The Last Lesson   | Listening and Speaking |
|              |                         | VISTAS 1  | The Third Level,  | The Third Level,  |                        |
|              |                         | SHORT<br>WRITING<br>TASK  | My Mother at Sixty-Six  | My Mother at Sixty-Six<br>Notice  |                        |
| May'26       | 18                      | FLAMINGO :<br>PROSE 2<br>VISTAS 2   | Lost Spring<br>The Tiger King   | Lost Spring:<br>Sometimes I Find a Rupee in the<br>Garbage<br>I Want to Drive a Car<br><br>The Tiger King                                       | Listening and Speaking |
| June'26      | 06                      | SHORT<br>WRITING<br>TASK  | Invitation and Reply  | Formal/Informal Invitation and Reply.   |                        |
| July'26      | Periodic Test-I         |   |   |   |                        |
| July'26      | 25                      | FLAMINGO:<br>PROSE 3, 4<br>POERTY 2, 3<br><br>VISTAS 3<br><br>LONG<br>WRITING<br>TASK | Deep Water<br><br>Keeping Quiet<br><br>Journey to the End of the Earth<br><br>The Rattrap<br><br>A Thing of Beauty.<br><br>Letter to the Editor | Deep Water<br><br>Keeping Quiet<br><br>Journey to the End of the Earth<br><br>The Rattrap<br><br>A Thing of Beauty.<br><br>Letter to the Editor | Listening and Speaking |
| August'26    | 23                      | FLAMINGO:<br>PROSE 5<br>POERTY 4<br><br>VISTAS 4<br><br>LONG<br>WRITING<br>TASK       | The Enemy<br><br>Article Writing,<br><br>Job Application, Indigo<br><br>A Roadside Stand  | The Enemy<br><br>Article Writing,<br><br>Job Application, Indigo<br><br>A Roadside Stand  | Listening and Speaking |
| September'26 | Half Yearly Examination |   |   |   |                        |
| September'26 | 23                      | FLAMINGO:<br><br>POERTY 5<br><br>LONG   | Aunt Jennifer's Tigers.<br>Report Writing   | Aunt Jennifer's Tigers.<br>Report Writing   | Listening and Speaking |







# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|              |                                |         |  |   |  |
|--------------|--------------------------------|---------|--|---|--|
| August'26    | 23                             | 8 & 10  | Area of Bounded Region and Vector                      | <b>Area of Bounded Region</b><br>1. Area under curves<br>2. Area between curves<br>3. Area of region bounded by curves and lines<br><b>Vectors</b><br>1. Definition and representation<br>2. Types: zero, unit, position, coplanar, collinear<br>3. Operations: addition, subtraction, scalar multiplication<br>4. Dot product and cross product<br>5. Vector equation of lines and planes  | Assignment Based on Area of Bounded Region<br><br>Assignment Based on Vector                         |
| September'26 | <b>Half Yearly Examination</b> |         |  |   |  |
| September'26 | 23                             | 11 & 13 | 3D Geometry and Probability                            | <b>3D Geometry</b><br>1. Direction cosines and ratios<br>2. Equation of line and plane<br>3. Angle between lines and planes<br>4. Distance between points, lines, and planes<br>5. Intersection of lines and planes<br><b>Probability</b><br>1. Conditional probability<br>2. Multiplication theorem<br>3. Independent events<br>4. Bayes' theorem<br>5. Random variables and distributions<br>6. Mean and variance of random variables | Assignment Based on 3D Geometry<br><br>Assignment Based on Probability                               |
| October'26   | 17                             | 1 & 2   | Relation and Function, Inverse Trigonometric functions | <b>Relations and Functions</b><br>1. Types of relations: reflexive, symmetric, transitive<br>2. Types of functions: one-one, onto, bijective<br>3. Composite functions<br>4. Invertible functions<br><b>Inverse Trigonometric Functions</b><br>1. Definition and domain/range<br>2. Graphs of inverse trig functions<br>3. Properties of inverse trig functions   | Assignment Based on Relation and Function<br><br>Assignment Based on Inverse Trigonometric functions |
| November'26  | 19                             | 12      | Linear Programming                                     | <b>Linear Programming</b><br>1. Introduction and formulation<br>2. Graphical method<br>3. Corner point method<br>4. Feasible and infeasible regions<br>5. Optimal solutions   | Assignment Based on Linear Programming   |
| December'26  | 20                             | 6       | Derivative and Application of Derivative               | <b>Application of Derivatives</b><br>1. Rate of change<br>2. Increasing/decreasing functions<br>3. Maxima and minima<br>4. First derivative test<br>5. Second derivative test<br>6. Optimization problems   | Assignment Based on Derivative and Application of Derivative   |
| January'27   | <b>Periodic Test-II</b>        |         |  |   |  |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|             |                    |  |  |  |
|-------------|--------------------|--|--|--|
| January'27  | 21                 |  |  |  |
| February'27 | 20                 |  |  |  |
| March'27    | Annual Examination |  |  |  |

**Prescribed Books:** (I) NCERT  
(II) R.D.Sharma

## Physics

| Month    | Working Days | Unit/Chapter Number  | Topic/Chapter Name                      | Sub Topic  | Practicals/ Activities |
|----------|--------------|----------------------|---|--|------------------------|
| April'26 | 22           | Chapter-1            | Electric Charges and Fields             | Electric charges, superposition principle, Electric field, electric field due to a point charge, electric field lines, electric dipole, electric field due to a dipole, torque on a dipole in uniform electric field, Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside),   |                        |
|          |              | Chapter-2            | Electrostatic Potential and Capacitance | Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, electrical potential energy of a system of two-point charges and of electric dipole in an electrostatic field. Conductors and insulators, free charges and bound charges inside a conductor.   |                        |
| May'26   | 18           | Chapter-2<br><br>'26 | Electrostatic Potential and Capacitance | Dielectrics and electric polarization, capacitors and capacitance, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor (no derivation, formulae only).<br>Electric current, flow of electric charges in a metallic conductor, drift velocity, mobility and their relation with electric current; Ohm's law, V-I characteristics (linear and non-linear), electrical |                        |



**DELHI PUBLIC SCHOOL NTPC FARAKKA**  
**SYLLABUS BREAKUP 2026-2027**



|         |                        |           |                              |   |                   |
|---------|------------------------|-----------|------------------------------|---|-------------------|
|         |                        | Chapter-3 | Current Electricity          | energy and power, electrical resistivity and conductivity, temperature dependence of resistance, Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel, Kirchhoff's rules, Wheatstone bridge  | Expt. 1A          |
| June'26 | 06                     | Chapter-4 | Moving Charges and Magnetism | Concept of magnetic field, Oersted's experiment. Biot - Savart law and its application to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire. Straight solenoid (only qualitative treatment), force on a moving charge in uniform magnetic and electric fields. Force on a current-carrying conductor in a uniform magnetic field, force between two parallel current-carrying conductors, torque experienced by a current loop in uniform magnetic field; Current loop as a magnetic dipole and its magnetic dipole moment, moving coil galvanometer- its current sensitivity and conversion to ammeter and voltmeter. | Expt. 2A          |
| July'26 | <b>Periodic Test-I</b> |           |                              |   |                   |
| July'26 | 25                     | Chapter-5 | Magnetism and Matter         | Bar magnet, bar magnet as an equivalent solenoid (qualitative treatment only), Magnetic properties of materials- Para-, dia- and ferro – magnetic substances with examples, Magnetization of materials, effect of temperature on magnetic properties.   | Expt. 3A ,4A , 1B |
|         |                        | Chapter-6 | Electromagnetic Induction    | Electromagnetic induction; Faraday's laws, induced EMF and current; Lenz's Law, Self and mutual induction<br><br>Alternating currents, peak and RMS value of alternating  |                   |



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**SYLLABUS BREAKUP 2026-2027**



|              |                                |            |                                    |  |              |
|--------------|--------------------------------|------------|------------------------------------|--|--------------|
|              |                                | Chapter-7  | Alternating Current                | current/voltage; reactance and impedance; LCR series circuit (phasors only), resonance, power in AC circuits,  |              |
| August'26    | 23                             | Chapter-7  | Alternating Current                | power factor, wattless current. AC generator, Transformer.   | Expt. 3B, 6B |
|              |                                | Chapter-8  | Electromagnetic Waves              | Basic idea of displacement current, Electromagnetic waves, their characteristics, their transverse nature (qualitative idea only). Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, X-rays, gamma rays) including elementary facts about their uses.   |              |
| September'26 | <b>Half Yearly Examination</b> |            |                                    |  |              |
| September'26 | 23                             | Chapter-9  | Ray Optics and Optical Instruments | Reflection of light, spherical mirrors, mirror formula, refraction of light, total internal reflection and optical fibers, refraction at spherical surfaces, lenses, thin lens formula, lens maker's formula, magnification, power of a lens, combination of thin lenses in contact, refraction of light through a prism.<br>Optical instruments: Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.<br><br>Wave front and Huygen's principle, reflection and refraction of plane wave at a plane surface using wave fronts. | Expt. 5B     |
|              |                                | Chapter-10 | Wave Optics                        |  |              |
| October'26   | 17                             | Chapter-10 | Wave Optics                        | Proof of laws of reflection and refraction using Huygen's principle. Interference, Young's double slit experiment and expression for fringe width (No derivation final expression only), coherent sources and sustained interference of light, diffraction due to a single slit, width of central maxima (qualitative treatment only).<br><br>Dual nature of radiation, Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation-particle  | Expt. 7B     |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|             |    |            |                                     |  |          |
|-------------|----|------------|-------------------------------------|--|----------|
|             |    | Chapter-11 |                                     | nature of light. Experimental study of photoelectric effect<br>Matter waves-wave nature of particles, de-Broglie relation. |          |
| November'26 | 19 | Chapter-12 | Dual Nature of Radiation and Matter | Atoms  |          |
|             |    | Chapter-13 |                                     | Nuclei   |          |
|             |    | Chapter-14 |                                     | Semiconductor Electronics: Materials, Devices and Simple Circuits  | Expt. 9B |
| December'26 | 20 |            | Pre Board -I                        |  |          |
| January'27  |    |            | Periodic Test-II                    |  |          |
| January'27  | 21 |            | Pre- Board -II                      |  |          |
| February'27 | 20 |            | AISSCE 2027                         |  |          |
| March'27    |    |            | Annual Examination                  |  |          |

**Topics from Term I Syllabus covered before HY Examination to be included in the Annual Examination :**

Periodic test-I : Syllabus covered till June 2026

Half yearly : syllabus covered from April to September 2026

Pre-Board I & II – Full syllabus

Books : NCERT Physics (vol I & II) &

Laboratory Manual of Physics for class XII Published by NCERT

## Chemistry

| Month | Work ing | Unit/Cha pter | Topic/Chapter Name | Sub Topic | Practicals/ Activities |
|-------|----------|---------------|--------------------|-----------|------------------------|
|-------|----------|---------------|--------------------|-----------|------------------------|



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|            | Days            | Number  |                               |   |  |
|------------|-----------------|---------|-------------------------------|---|--|
| April '26  | 22              | UNIT- 1 | SOLUTIONS                     | <ul style="list-style-type: none"> <li>•Types of Solutions</li> <li>• Expressing Concentration of Solutions</li> <li>•Solubility</li> <li>•Vapour Pressure of Liquid Solutions</li> <li>• Ideal and Non -Ideal Solutions</li> <li>• Colligative Properties and Determination of Molar Mass.</li> <li>Abnormal Molar Mass</li> </ul> | Titrimetric Analysis   |
|            |                 | UNIT-2  | ELECTROCHEMISTRY              | <ul style="list-style-type: none"> <li>•Electrochemical Cell</li> <li>•Galvanic cells</li> <li>•Nernst Equation</li> <li>•Conductance Of Electrolytic solutions</li> </ul>  | Titrimetric Analysis   |
| May '26    | 18              | UNIT-2  | ELECTROCHEMISTRY              | <ul style="list-style-type: none"> <li>•Electrolytic Cells and •Electrolysis</li> <li>•Batteries, Fuel Cells, •Corrosions</li> </ul>  | Systematic Qualitative Analysis  |
|            |                 | UNIT-6  | HALOALKANES AND HALOARENES    | <ul style="list-style-type: none"> <li>•Classification</li> <li>•Nomenclature</li> <li>•Nature of C-X bond.</li> <li>•Methods of preparation of Haloalkanes and Haloarenes.</li> <li>•Physical Properties</li> <li>•Chemical Reactions</li> <li>•Polyhalogen Compounds</li> </ul>   | (Salt Analysis)  |
| June '26   | 06              | UNIT -7 | ALCOHOLS , PHENOLS AND ETHERS | <ul style="list-style-type: none"> <li>•Classification,</li> <li>•Nomenclature</li> <li>•Structures of Functional groups</li> </ul>   | Systematic Qualitative Analysis (Salt Analysis)  |
| July '26   | Periodic Test-I |         |                               |   |  |
| July '26   | 25              | UNIT-7  | ALCOHOLS, PHENOLS AND ETHERS  | <ul style="list-style-type: none"> <li>•Alcohols and Phenols</li> <li>•Some Commercially Important Alcohols.</li> <li>•Ethers</li> </ul>  | Systematic Qualitative Analysis (Salt Analysis)  |
|            |                 | UNIT-3  | CHEMICAL KINETICS             | <ul style="list-style-type: none"> <li>•Rate of a Chemical Reaction</li> <li>•Factors Influencing Rate of a Reaction</li> <li>•Integrated Rate Equations</li> <li>•Temperature Dependence of the Rate of a Reaction</li> </ul>  | Test for functional group in Organic Compounds<br>•Test for Unsaturation<br>•Test for Alcoholic group (R-OH) |
| August '26 | 23              | UNIT-3  | CHEMICAL KINETICS             | <ul style="list-style-type: none"> <li>•Collision Theory Of Chemical Reaction</li> </ul>  | •  |
|            |                 | UNIT-4  | THE d-AND f-BLOCK ELEMENTS    | <ul style="list-style-type: none"> <li>•Position in the periodic Table</li> <li>•Electronic Configuration of the d-block Elements</li> <li>•Electronic configuration of the d-block Elements.</li> <li>•General properties of the Transition</li> </ul>   | Test for Phenolic group (Ar-OH) group  |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|               |                         |              |   |   |   |
|---------------|-------------------------|--------------|---|---|---|
|               |                         |              |   | <ul style="list-style-type: none"> <li>Elements</li> <li>•Some Important Compounds of Transition Elements</li> <li>•The Lanthanoids</li> <li>•The Actinoids</li> <li>•Some Important Applications of d-and-f-block Elements</li> </ul>  |   |
| September '26 | Half Yearly Examination |              |   |   |   |
| September '26 | 23                      | UNIT -5      | CO-ORDINATION COMPOUNDS                 | <ul style="list-style-type: none"> <li>•Werner's Theory of Co-ordination Compounds.</li> <li>•Definitions of Some Important Terms pertaining to Co-ordination Compounds</li> <li>•Nomenclature of Co-ordination Compounds.</li> <li>•Isomerism in Co-ordination Compounds</li> <li>•Bonding in Co-ordination Compounds</li> <li>•Bonding in Metal Carbonyls</li> <li>•Importance and Applications of Co-ordination Compounds.</li> </ul>                        | <ul style="list-style-type: none"> <li>•TestforAldehydicandKeto nicGroup(-CHO,--c--)</li> <li>•TestforCarboxylgroup(-cooH)</li> <li>•AminoGroup(-NH<sub>2</sub>)</li> </ul> |
| October '26   | 17                      | UNIT-8       | ALDEHYDES, KETONES AND CARBOXYLIC ACIDS | <ul style="list-style-type: none"> <li>•Nomenclature and •Structure of Carbonyl Group.</li> <li>•Preparation of Aldehydes and Ketones</li> <li>•Physical Properties</li> <li>•Chemical Properties</li> <li>•Uses of Aldehydes and •Ketones</li> <li>•Nomenclature and Structure of carboxyl group</li> <li>•Methods of Preparation of Carboxylic Acids</li> <li>•Physical properties</li> <li>•Chemical Reactions</li> <li>•Uses of Carboxylic Acids</li> </ul> | NIL   |
|               |                         | UNIT-9       | AMINES                                  | <ul style="list-style-type: none"> <li>•StructureofAmines,</li> <li>•Classification,•Nomenclature</li> <li>•PreparationofAmines</li> <li>•PhysicalProperties</li> <li>•ChemicalReactions</li> <li>•ImportanceofDiazoniumSaltsinsynthesisofAromaticcompounds</li> </ul>  |   |
| November '26  | 19                      | UNIT-10      | BIOMOLECULES                            | <ul style="list-style-type: none"> <li>•carbohydrate</li> <li>•Proteins</li> <li>•Enzymes</li> <li>•Vitamins</li> <li>•Nucleic Acids</li> <li>•Hormones</li> </ul>  | NIL   |
|               |                         | UNIT1-UNIT10 | SAMPLE PAPER OF CHEMISTRY               | PROBLEM PRACTICE  |   |
| December '26  | 20                      |              |   | PREBOARD-1  |   |
| January '2    | Periodic Test-II        |              |   |   |   |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|             |                    |   |  |            |
|-------------|--------------------|---|--|------------|
| 7           |                    |   |  |            |
| January'27  | 21                 |   |  | PREBOARD-2 |
| February'27 | 20                 | - |  |            |
| March'27    | Annual Examination |   |  |            |

Books Used:- NCERT -TEXT BOOK FOR CLASS XII  
 •CHEMISTRY PART -I (XII)  
  
 •CHEMISTRY PART -II(XII)  
 CHEMISTRY LABORATORY MANUAL -XII

## Biology

| Month    | Working Days | Unit/Chapter Number    | Topic/Chapter Name  | Sub Topic  | Practicals/Activities  |
|----------|--------------|------------------------|---|--|--|
| April'26 | 22           | CHAPTER 1<br>CHAPTER 2 | SEXUAL REPRODUCTION IN FLOWERING PLANTS (CHAPTER 1) ;<br>HUMAN REPRODUCTION (CHAPTER 2) | 1.1 Flower – A Fascinating Organ of Angiosperms<br>1.2 Pre-fertilisation : Structures and Events<br>1.3 Double Fertilisation<br>1.4 Post-fertilisation: Structures and Events<br>1.5 Apomixis and Polyembryony<br>2.1 The Male Reproductive System<br>2.2 The Female Reproductive System<br>2.3 Gametogenesis<br>2.4 Menstrual Cycle<br>2.5 Fertilisation and Implantation<br>2.6 Pregnancy and Embryonic Development<br>2.7 Parturition and Lactation | POLLEN GERMINATION;<br>POLLEN GERMINATION: SLIDE PREPARATION |
| May'26   | 18           | CHAPTER                | REPRODUCTIVE  | 3.1 Reproductive   | T.S. OF  |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|          |                 |                                |   |  |   |
|----------|-----------------|--------------------------------|---|--|---|
|          |                 | R 3<br>CHAPTE<br>R 4           | HEALTH (CHAPTER 3)<br>;<br>PRINCIPLES OF<br>INHERITANCE AND<br>VARIATION (CHAPTER<br>4) | Health –<br>Problems and<br>Strategies 3.2<br>Population<br>Explosion and<br>Birth Control 3.3<br>Medical<br>Termination of<br>Pregnancy 3.4<br>Sexually<br>Transmitted<br>Diseases 3.5<br>Infertility<br>4.1 Mendel's<br>Laws of<br>Inheritance 4.2<br>Inheritance of<br>One Gene 4.3<br>Inheritance of<br>Two Genes 4.4<br>Sex<br>Determination 4.5<br>Mutation 4.6<br>Genetic Disorders | MAMMALIAN<br>OVARY,<br>TESTIS,<br>BLASTULA                                      |
| June '26 | 06              | CHAPTE<br>R 5                  | MOLECULAR BASIS<br>OF INHERITANCE<br>(CHAPTER 5)  | 5.1 The DNA 5.2<br>The Search for<br>Genetic Material<br>5.3 RNA World<br>5.4 Replication<br>5.5 Transcription<br>5.6 Genetic Code<br>5.7 Translation<br>5.8 Regulation of<br>Gene Expression<br>5.9 Human<br>Genome Project<br>5.10 DNA<br>Fingerprinting   |   |
| July '26 | Periodic Test-I |                                |   |  | MOLECULAR<br>BASIS OF<br>INHERITANCE<br>(CONTD.) ;<br>EVOLUTION<br>(CHAPTER 6); |
| July '26 | 25              | CHAPTE<br>R 5<br>CHAPTE<br>R 6 | MOLECULAR BASIS<br>OF INHERITANCE<br>(CONTD.) ;<br>EVOLUTION<br>(CHAPTER 6);            | 6.1 Origin of Life<br>6.2 Evolution of<br>Life Forms - A<br>Theory 6.3 What<br>are the Evidences<br>for Evolution? 6.4<br>What is Adaptive<br>Radiation? 6.5<br>Biological<br>Evolution 6.6  | EMASCULATI<br>ON, BAGGING   |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|               |                         |                            |  |   |  |
|---------------|-------------------------|----------------------------|--|---|--|
|               |                         |                            |  | Mechanism of Evolution 6.7<br>Hardy - Weinberg Principle 6.8 A<br>Brief Account of Evolution 6.9<br>Origin and Evolution of Man   |  |
| August'26     | 23                      | CHAPTE R 7<br>CHAPTE R 8   | HUMAN HEALTH AND DISEASE (CHAPTER 7)<br>;<br>MICROBES IN HUMAN WELFARE (CHAPTER 8) | 7.1 Common Diseases in Humans 7.2<br>Immunity 7.3<br>AIDS 7.4 Cancer 7.5<br>Drugs and Alcohol Abuse<br>8.1 Microbes in Household Products 8.2<br>Microbes in Industrial Products 8.3<br>Microbes in Sewage Treatment 8.4<br>Microbes in Production of Biogas 8.5<br>Microbes as Biocontrol Agents 8.6<br>Microbes as Biofertilisers | MITOSIS,<br>MEIOSIS;<br>SYMBIOSIS;<br>DISEASES<br>CAUSING<br>ORGANISMS                     |
| September' 26 | Half Yearly Examination |                            |  |   | BIOTECHNOLOGY AND ITS APPLICATIONS (CHAPTER 10);<br>ORGANISMS AND POPULATIONS (CHAPTER 11) |
| September' 26 | 23                      | CHAPTE R 9                 | HYE, BIOTECHNOLOGY: PRINCIPLES AND PROCESSES (CHAPTER 9)                           | 9.1 Principles of Biotechnology<br>9.2 Tools of Recombinant DNA Technology<br>9.3 Processes of Recombinant DNA Technology   |  |
| October'26    | 17                      | CHAPTE R 10<br>CHAPTE R 11 | BIOTECHNOLOGY AND ITS APPLICATIONS (CHAPTER 10);<br>ORGANISMS AND                  | 10.1 Biotechnological Applications in Agriculture<br>10.2 Biotechnological  | DNA ISOLATION  |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|              |                    |                          |  |  |                |
|--------------|--------------------|--------------------------|--|--|----------------|
|              |                    |                          | POPULATIONS (CHAPTER 11)   | Applications in Medicine 10.3<br>Transgenic Animals 10.4<br>Ethical Issues<br>11.1 Populations   |                |
| November' 26 | 19                 | CHAPTER 12<br>CHAPTER 13 | ECOSYSTEM (CHAPTER 12);<br>BIODIVERSITY AND CONSERVATION (CHAPTER 13);<br>REVISION | 12.1 Ecosystem-Structure and Function 12.2. Productivity 12.3 Decomposition<br>12.4 Energy Flow<br>12.5 Ecological Pyramids<br>13.1 Biodiversity<br>13.2 Biodiversity Conservation | QUADRAT METHOD |
| December' 26 | 20                 |                          |  |  |                |
| January' 27  | Periodic Test-II   |                          |  |  |                |
| January' 27  | 21                 |                          |  |  |                |
| February' 27 | 20                 |                          |  |  |                |
| March' 27    | Annual Examination |                          |  |  |                |

**BOOK: NCERT BIOLOGY**

## Economics

| Month     | Working Days | Unit/ Chapter Number            | Topic/Chapter Name                     | Sub Topic   |
|-----------|--------------|---------------------------------|--|---|
| April' 26 | 22           | PART A (MACROECONOMICS), UNIT 1 | National Income and Related Aggregates | Meaning, Basic concepts in Macroeconomics. Capital goods, consumption goods, final goods, intermediate goods, gross investment, net investment, depreciation and capital loss. Concepts of stock and flow                       |
| May' 26   | 18           | PART A (MACROECONOMICS), UNIT 1 | National Income and Related Aggregates | Circular flow of income in two-sector economy, Methods of calculating National Income- value added, income and expenditure methods. Aggregates related to national income. Real and Nominal GDP, GDP Deflator, GDP and welfare. |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|           |                          |  |  |   |
|-----------|--------------------------|--|--|---|
|           |                          | PART B (INDIAN ECONOMIC DEVELOPMENT), UNIT 6 | Development Experience (1947-90) and Economic Reforms since 1991 | Indian economy on the eve of independence. Indian economic system and the common goals of the five-year plans. Main features, problems and policies of agriculture-institutional reforms and new agricultural strategy, Industrial Policy Resolution of 1956, Foreign Trade, SSI -Role and Importance.              |
| June'26   | 06                       | PART B (INDIAN ECONOMIC DEVELOPMENT), UNIT 6 | Development Experience (1947-90) and Economic Reforms since 1991 | Features and appraisals of liberalization, globalization and privatisation .Concepts of demonetization and GST.   |
| July'26   | <b>Periodic Test - I</b> |  |  |   |
| July'26   | 25                       | PART A (MACROECONOMICS), Unit 2              | Money and Banking  | Money- Meaning & functions, supply of money currency held by public and net demand deposits held by Commercial Banks, Money creation by Commercial Banks. Central Bank and its functions, Credit control through Bank rate, Repo rate, and Reverse repo rate, Open market operations, CRR, SLR, Margin requirement. |
|           |                          | PART B (INDIAN ECONOMIC DEVELOPMENT), Unit 7 | Current Challenges Facing Indian Economy                         | How people become resource, role of human capital in economic development and growth of education sector in India. Credit and marketing in rural India, key issues, role of cooperatives, agricultural diversification, alternate farming-organic farming.  |
| August'26 | 23                       | PART B (INDIAN ECONOMIC DEVELOPMENT), Unit 7 | Current Challenges Facing Indian Economy                         | Growth and changes in workforce participation rate in formal and informal sectors: problems and policies  |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|              |                                  |  |  |  |
|--------------|----------------------------------|--|--|--|
|              |                                  | PART A<br>(MACROECONOMICS),<br>Unit 3                  | Determination of<br>Income and<br>Employment                           | Aggregate demand and its<br>component, Propensity to<br>consume and save, Short<br>run equilibrium output,<br>investment multiplier and<br>its mechanism. Meaning<br>of full employment and<br>involuntary employment.   |
| September'26 | <b>Half – Yearly Examination</b> |  |  |  |
| September'26 | 23                               | PART A<br>(MACROECONOMICS),<br>Unit 3                  | Determination of<br>Income and<br>Employment                           | Problems of excess<br>demand and deficient<br>demand; measures to<br>correct them -<br>changes in government<br>spending, taxes and<br>money supply.   |
|              |                                  | PART A<br>(MACROECONOMICS),<br>Unit 4                  | Government Budget<br>and the Economy                                   | Government budget -<br>meaning, objectives and<br>components.<br>Classification of receipts<br>- revenue receipts and<br>capital receipts;<br>Classification of<br>expenditure – revenue<br>expenditure and capital<br>expenditure.<br>Balanced, Surplus and<br>Deficit Budget –<br>measures of government<br>deficit. |
| October'26   | 17                               | PART B<br>(INDIAN ECONOMIC<br>DEVELOPMENT),<br>Unit 8  | Development<br>Experience of India:<br>A comparison with<br>Neighbours | A comparison with<br>neighbours<br>(i) India and Pakistan<br>(ii) India and China<br>Issues: economic growth,<br>population, sectoral<br>development and other<br>Human Development<br>Indicators  |
|              |                                  | PART A<br>(MACROECONOMICS),<br>Unit 5                  | Balance of Payments  | Balance of payments<br>account - meaning and<br>components;<br>Balance of payments –<br>Surplus and Deficit  |
| November'26  | 19                               | PART A<br>(MACROECONOMICS),<br>Unit 5                  | Balance of Payments  | Foreign exchange rate -<br>meaning of fixed and<br>flexible rates and<br>managed floating.<br>Determination of<br>exchange rate in a free<br>market, Merits and<br>demerits of flexible and<br>fixed exchange rate.<br>Managed Floating<br>exchange rate system  |
| December'26  | 20                               | <b>PRE- BOARD I EXAMINATION 2025-26 &amp; REVISION</b> |  |  |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|                  |  |  |
|------------------|--|--|
| January'27       | 21   | PRE- BOARD II EXAMINATION 2025-26 & REVISION |
| February'27      | DOUBT CLEARING SESSION FOR BOARD EXAMINATION |  |
| February'27      | BOARD EXAMINATION                            |  |
| March'27         | BOARD EXAMINATION                            |  |
| Prescribed Books | Introductory Macroeconomics(NCERT)           |  |
|                  | Indian Economic Development(NCERT)           |  |
|                  | Introductory Macroeconomics(Sandeep Garg)    |  |
|                  | Indian Economic Development(Sandeep Garg)    |  |

## Computer Science

| Month    | Working Days    | Unit/Chapter Number | Topic/Chapter Name      | Sub Topic   | Practicals/ Activities                                  |
|----------|-----------------|---------------------|-------------------------|---|---|
| April'26 | 22              | Chapter 1           | Python Revision Tour    | Introduction, Token, Variables, Assignments, Input, Output, Data Types, Flow of control, Looping and functions.   | Revision Programs.                                      |
|          |                 | Chapter 2           | Python Revision Tour-II | Introductions, Strings, Lists, Tuples, Dictionaries   | Revision Programs                                       |
| May'26   | 18              | Chapter 3           | Working With Functions  | Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters.<br>Positional parameters function returning value(s), flow of execution, scope of a variable (global scope, local scope)  | Programs on functions.                                  |
|          |                 | Chapter 4           | Using Python Libraries. |   | Using Library functions.                                |
| June'26  | 06              | Chapter 5           | File Handling           | <b>Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths</b><br><b>Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file</b> | Practicals on Text File                                 |
| July'26  | Periodic Test-I |                     |                         |   |   |
| July'26  | 25              | Chapter 5           | File Handling           | <ul style="list-style-type: none"> <li>Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file</li> </ul>  | Programs on Binary File<br><br>Programs on binary file. |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|              |                                |            |  |   |                         |
|--------------|--------------------------------|------------|--|---|-------------------------|
|              |                                | Chapter 6  | Exception Handling                             | <ul style="list-style-type: none"> <li>• CSV file: import csv module, open / close csv file, write into a csv file using writer(), writerow(), writerows() and read from a csv file using reader()</li> </ul> Exception Handling: Introduction, handling exceptions using try-except-finally blocks   | Programs on CSV files.  |
| August'26    | 23                             | Chapter 8  | Data Structures                                | Stack, operations on stack (push & pop), implementation of stack using list.  | Practicals on Stack     |
| September'26 | <b>Half Yearly Examination</b> |            |  |   |                         |
| September'26 | 23                             | Chapter 10 | Computer Network                               | Evolution of networking. <ul style="list-style-type: none"> <li>• Data communication Terminologies</li> <li>Components of data Communication</li> <li>Communication media switching techniques</li> <li>• Transmission media</li> <li>• Network devices</li> <li>• Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree)</li> <li>• Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP</li> <li>• Introduction to web services: WWW, Hyper Text Markup Languages,</li> </ul> | Understanding Networks. |
| October'26   | 17                             | Chapter 12 | Relational Databases                           | Database concepts: introduction to database concepts and its need <ul style="list-style-type: none"> <li>• Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key)</li> </ul> Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables.                    | Database Practicals     |
|              |                                | Chapter 13 | Simple Queries in SQL                          |   | Query on Databases      |
| November'26  | 19                             | Chapter 14 | Table Creation and Data Manipulation Commands. | Create table, describe table, alter table (add and remove an attribute, add and remove primary key), drop table, insert, delete, select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate   | Query on Tables         |



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### SYLLABUS BREAKUP 2026-2027



|             |                           |                              |   |   |  |
|-------------|---------------------------|------------------------------|---|---|--|
|             |                           | Chapter 15<br><br>Chapter 16 | Grouping Records,<br>Joins in SQL<br>Interface Python with<br>MySQL | functions (max, min, avg, sum, count), group by, having clause.<br>Joins: cartesian product on two tables, equi-join and natural join<br>Interface of python with an SQL database: connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using connect(), cursor(), execute(), commit(), fetchone(), fetchall(), rowcount, creating database connectivity applications, use of %s format specifier or format() to perform queries | Using Group functions.<br>Programs on interface. |
| December'26 | Pre-Board-I Examination-I |                              |   |   |  |
| January'27  | Pre-Board Examination -II |                              |   |   |  |

Book(s) Used: Computer Science with Python by Sumita Arora.

## Accountancy

| Month    | Working Days | Unit/Chapter Number | Topic/ChapterName  | SubTopic  | Practical/Activities |
|----------|--------------|---------------------|--|---|----------------------|
| April'26 | 22           | Chapter -1&2        | 1. Fundamental of partnership<br>2. Change in profit sharing ratio | Fundamentals of Partnership - Theory, P/L Appropriation Account, Interest on Capital, Interest on Drawings, Fluctuating and Fixed Capital Accounts, Rectification of Closed Accounts and Guarantee of Minimum Share of Profit |                      |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|              |                       |                           |   |   |  |
|--------------|-----------------------|---------------------------|---|---|--|
| May'26       | 18                    | Chapter -3                | Calculation of Goodwill(nature and valuation)         | Change in ProfitSharing Ratio among existing Partners - Calculationof Sacrificing and Gaining Ratio, Valuation of Goodwill, Treatment of Goodwill, Treatment of Reserves and AccumalatedProfitsand Revaluation of Assets and Liabilities.<br>Treatmentof Workmen Compensation Reserve and Investment Fluctuation Reserve. Includingpreparationof new balance sheet. |  |
| June'26      | 06                    | Chapter- 4                | Admissionof Partner                                   | Admissionof aPartner- Premium for Goodwill and preparation of RevaluationAccount, PartnersCapitalAccount andBalanceSheetof reconstituted firm   |  |
| July'26      | PeriodicTest-I        |                           |   |   |  |
| July'26      | 25                    | Chapter -5&6              | 5. Retirementof partner<br>6. Deathofpartner          | Retirement of a Partner along with Partner's LoanAccountandDeath of aPartner along with Executor'sLoan  |  |
|              |                       |                           |   | Account   |  |
| August'26    | 23                    | Part-B<br>Chapter -10 &11 | 10. RatioAnalysis<br>11. CashFlow Statement (partial) | RatioAnalysis- Solvency, Activity and ProfitabilityratiosCash Flow Statement from Operating, InvestingandFinancing activities   |  |
| September'26 | HalfYearlyExamination |                           |   |   |  |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|              |                    |                 |                               |  |  |
|--------------|--------------------|-----------------|-------------------------------|--|--|
| September'26 | 23                 | Chapter -7      | Accounting for share capital  | Financial Statements of Company (Balance Sheet as per Schedule III of Companies Act 2013 and Statement of Profit & Loss)<br>Oversubscription of shares issued at par and premium<br>Forfeiture and reissue of shares and balance sheet representation          |  |
| October'26   | 17                 | Chapter -8      | Accounting for debenture      | Issue of Debentures - Issued at Par, Premium and Discount, Issue of Debentures as Collateral Securities and Issue of Debentures for consideration other than cash. Writing off Interest of Debentures. Issue of Debentures when redemption condition is given. |  |
| November'26  | 19                 | Chapter -9 & 11 | Cash flow statement (partial) | Adjustments relating to depreciation and amortisation, bank overdraft and cash credit  |  |
| December'26  | 20                 | -----           | PRE-BOARD                     |  |  |
| January'27   | Periodic Test-II   |                 |                               |  |  |
| January'27   | 21                 | -----           | PRE-BOARD                     |  |  |
| February'27  | 20                 | -----           | -----                         |  |  |
| March'27     | Annual Examination |                 |                               |  |  |

**Reference books:**

1. Accountancy (vol. 1 & 2) – D.K. GOEL
2. Accountancy – NCERT



**DELHI PUBLIC SCHOOL NTPC FARAKKA**  
**SYLLABUS BREAKUP 2026-2027**



## Odissi Dance

| Month        | Working Days | Unit / Chapter Number | Topic / Chapter Name           | Subject Topic  | Practical / Activities   |
|--------------|--------------|-----------------------|--------------------------------|--|--|
| April'26     | 22           | 1 & 2                 | Chhau Styles & Great Gurus     | Elementary knowledge of <u>Mayurbhanj</u> , <u>Seraikella</u> , and <u>Purulia Chhau</u> . Lives of Guru <u>Pankaj Charan Das</u> and Guru <u>Kelucharan Mohapatra</u> . | Learning and practice of one <u>Pallavi</u> (Initial steps).                         |
| May'26       | 18           | 2 & 3                 | Gurus & Ancient Texts          | Contribution of Guru <u>Deba Prasad Das</u> . Introduction to <u>Natya Shastra</u> , <u>Abhinaya Darpana</u> , and <u>Abhinaya Chandrika</u> .                           | Recitation of the <u>Ukutas</u> of the item with hands.                              |
| June'26      | 06           | 3 (c) & 4             | Myths & <u>Abhinaya</u>        | Myths regarding the origin of dance. Definition of ABHINAYA and its four aspects ( <u>Angika</u> , <u>Vachika</u> , <u>Aharya</u> , <u>Sattvik</u> ).                    | Identification of the <u>Raga</u> and <u>Taal</u> of the <u>Pallavi</u> .            |
| July'26      | 25           | 5                     | Rasa Theory                    | <b>Periodic Test-I</b> . Definition and short explanation of the <u>Ninerasas</u> .  | Demonstration of the <u>Pallavi</u> (Half-way).                                      |
| August'26    | 23           | 6 & 7 (a)             | <u>Odissi</u> Elements & Terms | <u>Aharya</u> and Music accompaniment of <u>Odissi</u> . Brief explanation of <u>Nritta</u> , <u>Nritya</u> , and <u>Natya</u> .   | Ability to show different <u>Paad bhedas</u> and <u>Bhramaris</u> .                  |
| September'26 | 23           | 7 (b, c)              | Tala & Dance Modes             | <b>Half Yearly Examination</b> . Terms: <u>Matra</u> , <u>Laya</u> , <u>Taal</u> , <u>Avartana</u> , <u>Vibhaga</u> , <u>Tandava</u> and <u>Lasya</u> .                  | Practice of <u>Patak Hasta Mudra</u> <u>Viniyog</u> acc. to <u>Abhinaya Darpan</u> . |
| October'26   | 17           | 7 (d) & 8             | <u>Dharmi</u> & Folk Dances    | <u>Natyadharmi</u> and <u>Lokdharmi</u> . Names of Folk Dances of Odisha.  | Identification of the <u>Hastas</u> and <u>Bhangis</u> used in the item.             |
| November'26  | 19           | Revision              | Complete Syllabus Review       | Revision of all theoretical terms and Guru biographies.  | Final demonstration and practice of the full <u>Pallavi</u> .                        |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



Reference Book:  
**Students Guide to Odissi Dance**  
 Author: Sneha Gupta \* Publisher: B. R. Rhythms, Delhi  
 Edition 2024

### Business Studies

| Month    | Working Days | Unit/Chapter Number | Topic/ChapterName                     | SubTopic   | Practical/Activities |
|----------|--------------|---------------------|---------------------------------------|--|----------------------|
| April'26 | 22           | Chapter -1          | Nature and Significance of Management | Characteristics and Objectives Of management, Nature and levels of Management  |                      |
|          |              | Chapter -2          | Principles of Management              | Nature of Principles of Management , Importance of Principles of Management and Fayol's Principle, Fayol's Principal Contd and Taylor's Principles and Technique and Comparison between Taylor and Fayol |                      |
| May'26   | 18           | Chapter -3          | Business Environment                  | Introduction of Business Environment, Features and Importance, Dimensions of business environment, Demonetisation-concept and importance   |                      |
|          |              | Chapter -11         | Marketing Management                  | Marketing Management- Meaning, Functions and Marketing Philosophies and Marketing Mix Introduction   |                      |
| June'26  | 06           | Chapter -11         | Marketing Management                  | Marketing Mix -Product and Price Mix, Marketing Mix - Promotion mix along with Public Relations and Place mix  |                      |
| July'26  |              |                     |                                       |  |                      |
| July'26  | 25           | Chapter -9          | Financial Management                  | Definition of Financial Management, Three important decisions- Meaning and Factors effecting the same.   |                      |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|               |    |             |                     |  |  |
|---------------|----|-------------|---------------------|--|--|
|               |    |             |                     | Financial Planning-  |  |
|               |    |             |                     | Objectives and Importance, Capital structure concept and factors affecting Capital structure, Trading on Equity - its mathematical proof. Fixed and Working Capital and factors affecting Fixed and Working capital  |  |
| August '26    | 23 | Chapter -10 | Financial Markets   | Concept, Types, Money market and its instruments, Distinction between Money Market and Capital Market, Stock Exchange and its Function and Trading Procedure and Securities and Exchange Board of India – Objectives   |  |
|               |    | Chapter -4  | Planning            | Concept and Importance, Limitations, Planning Process and Types of Plans   |  |
| September '26 |    |             |                     |  |  |
| September '26 | 23 | Chapter -12 | Consumer Protection | Concept and Importance, Consumer Protection Act 2019, Role of NGO's and Non-Governmental organisations   |  |
| October '26   | 17 | Chapter -5  | Organising          | Concept and Importance, Organising Process, Structure of Organisation - Divisional and Functional Structure, Types of Organising, Formal and Informal, Delegation and Decentralisation- Concept, Elements Importance, Delegation and Decentralization-         |  |
|               |    | Chapter -6  | Staffing            | Concept, Importance and Elements<br>Concept and Importance, Staffing as a part of HRM, Staffing Process and Sources of Recruitment- Internal and External - Merits and Demerits, Selection Process, Training and Development - Concept, Importance and Methods |  |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|             |                    |            |             |   |  |
|-------------|--------------------|------------|-------------|---|--|
| November'26 | 19                 | Chapter -7 | Directing   | <p>Concepts, Importance and Elements.</p> <p>Motivation- Concept , Maslow's Theory and Financial and Non-Financial Incentives , Leadership - Concepts, Styles of Leadership, Communication - Concept, Formal and Informal</p> <p>Communication, Barriers to Communication and how to overcome Barriers to Communication</p> |  |
|             |                    | Chapter -8 | Controlling | <p>Concept, Importance, Process of Controlling, Relationship between Planning and Controlling</p>   |  |
| December'26 | 20                 | -----      | PRE-BOARD   |   |  |
| January'27  | Periodic Test-II   |            |             |   |  |
| January.27  | 21                 | -----      | PRE-BOARD   |   |  |
| February'27 | 20                 | -----      | -----       |   |  |
| March'27    | Annual Examination |            |             |   |  |

DELHI PUBLIC SCHOOL

Reference books:

1. Business Studies-Sandeep Garg
2. Business Studies-Poonam Gandhi
3. Business studies-NCERT

## Entrepreneurship

| Month | Working Days | Unit/Chapter Number | Topic/Chapter Name | SubTopic | Practical/Activities |
|-------|--------------|---------------------|--------------------|----------|----------------------|
|-------|--------------|---------------------|--------------------|----------|----------------------|



**DELHI PUBLIC SCHOOL NTPC FARAKKA**  
**SYLLABUS BREAKUP 2026-2027**



|          |    |           |                               |   |  |
|----------|----|-----------|-------------------------------|---|--|
| April'26 | 22 | UNIT-I    | Entrepreneurial Opportunities | <ol style="list-style-type: none"><li>1. Elements of Business opportunity</li><li>2. Factors involved in sensing opportunity</li><li>3. Concept of environmental scanning</li><li>4. Factors affecting business environment</li><li>5. Meaning of idea fields</li><li>6. Various sources of idea fields</li><li>7. Technique of transformation of ideas into opportunities</li><li>8. Understanding trend spotting</li><li>9. Creative and innovative processes</li></ol> |  |
|          |    | UNIT- II  | Enterprise Planning           | <ol style="list-style-type: none"><li>1. Type of economic activities</li><li>2. Forms of business organizations</li></ol>   |  |
| May'26   | 18 | UNIT- II  | Enterprise Planning           | <ol style="list-style-type: none"><li>3. Business Plan</li><li>4. Format of Business Plan</li><li>5. Formalities required for starting a business</li></ol>   |  |
| June'26  | 06 | UNIT- III | Enterprise Marketing          | <ol style="list-style-type: none"><li>1. What are Goal setting and Smart Goals</li><li>2. Various marketing strategies used in a firm</li><li>3. Understanding in detail 4P's in marketing</li><li>4. Understanding the concepts of Brand, Logo and Tagline</li><li>5. Meaning and methods of negotiation</li><li>6. Understanding the importance of employees, customer and</li></ol>  |  |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|              |    |          |                              |  |  |
|--------------|----|----------|------------------------------|--|--|
|              |    |          |                              | vendor<br>7. Understanding the importance of quality in customer satisfaction<br>8. Various reasons for business failures  |  |
| July'26      |    |          |                              |  |  |
| July'26      | 25 | UNIT- IV | Enterprise Growth Strategies | 1. Detail about franchising and its types<br>2. How growth of firm possible through merger and acquisition<br>3. Types and meaning of mergers and acquisitions<br>4. Understand the reasons for mergers and acquisitions<br>5. Understand the reasons for failure of mergers and acquisitions<br>6. Concept of value addition<br>7. Meaning of value chain and requirement of value chain management |  |
| August'26    | 23 | UNIT- V  | Business Arithmetic          | 1. Concept of Unit price, Break-Even Point and its calculations<br>2. Meaning of Inventory control and E.O.Q<br>3. Meaning of cash flow projection and concept of working capital<br>4. Terminologies of Financial management and budgets<br>5. Concept and calculation of Return on Investment and Return on Equity   |  |
| September'26 |    |          |                              |  |  |
| September'26 | 23 | UNIT- VI | Resource Mobilisation        | 1. Understand the need of finance in Business<br>2. Discuss the various sources of funds required  |  |
|              |    |          |                              | for a firm   |  |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|             |                    |          |                                   |   |  |
|-------------|--------------------|----------|-----------------------------------|---|--|
| October'26  | 17                 | UNIT- VI | Resource Mobilisation             | 3. Understand the ways of raising funds in primary market<br>4. Angel Investors and Venture capitalists- Features and funding |  |
| November'26 | 19                 | -----    | Previous Year Sample Paper Solved | -----   |  |
| December'26 | 20                 | -----    | PRE-BOARD                         |   |  |
| January'27  | Periodic Test-II   |          |                                   |   |  |
| January'27  | 21                 | -----    | PRE-BOARD                         |   |  |
| February'27 | 20                 | -----    | -----                             |   |  |
| March'27    | Annual Examination |          |                                   |   |  |

**Reference books:**

1. Entrepreneurship – Sultan Chand & sons
2. Entrepreneurship – Poonam Gandhi
3. Entrepreneurship – NCERT

## Physical Education

| Month        | Working Days | Unit/ Chapter Number | Topic/Chapter Name   | Sub Topic  | Practicals/ Activities |
|--------------|--------------|----------------------|--|--|------------------------|
| April'26     | 22           | 1 & 2                | Management of Sports Events<br>Children and Women in Sports                                | Functions of Sports events management<br>Common postural deformities   | Yoga/ Indoor Games     |
| May'26       | 18           | 3 & 4                | Yoga as preventive measure for lifestyle disease<br>Physical Education and Sports for CWSN | Obesity, Diabetes, Asthma and Hypertension<br>Organisations promoting disability sports  | Yoga/ Indoor Games     |
| June'26      | 06           | 5                    | Sports and Nutrition   | Concept of balanced diet and nutrition   | Football/ Basketball   |
| July'26      | -----        |                      |  |  |                        |
| July'26      | 25           | 6, 7 & 8             | Test & Measurement<br>Physiology and Injuries in Sports<br>Biomechanics and Sports         | Fitness Test, BMR<br>Effects of exercise on Muscular System, Cardio-respiratory system<br>Newton's Law of Motion and its Application in Sports | Football/ Basketball   |
| August'26    | 23           | 9 & 10               | Psychology and Sports<br>Training in Sports  | Personality, Its definition and types<br>Speed, Endurance, Strength and Flexibility  | Football/ Kho-Kho      |
| September'26 | -----        |                      |  |  |                        |
| September'26 | 23           | 1-10                 | Revision and Practical   | Revision   | Basketball/ Kho-Kho    |



# DELHI PUBLIC SCHOOL NTPC FARAKKA

## SYLLABUS BREAKUP 2026-2027



|             |    |      |                        |          |                                      |
|-------------|----|------|------------------------|----------|--------------------------------------|
| October'26  | 17 | 1-10 | Revision and Practical | Revision | Cricket/<br>Physical<br>Fitness Test |
| November'26 | 19 | 1-10 | Revision and Practical | Revision | Cricket/<br>Physical<br>Fitness Test |
| December'26 | 20 | 1-10 | Pre Board-I            |          |                                      |
| January'27  |    |      |                        |          |                                      |
| January'27  | 21 | 1-10 | Pre Board-II           |          |                                      |
| February'27 | 20 |      | AISSCE 2027            |          |                                      |
| March'27    |    |      | Annual Examination     |          |                                      |

**BOOK NAME:- Physical Education, Class XII, Full Marks Publication**