



# Delhi Public School

## Visakhapatnam Steel Plant Syllabus Breakup for 2023-24 Class-XI

Name of the Student: \_\_\_\_\_

### SUBJECT: ENGLISH

Month	Topics to be covered	Syllabus for assessments
June	Hornbill –The Portrait of a Lady, Poems – A Photograph Snapshots – The Summer of the Beautiful White Horse, Note making, Poster Making	
July	Hornbill –We’re Not afraid to die...if we’re together, Poems – The Laburnum Top Snapshots – The Address Note Making, Presentations for ASL, Article/Speech, Grammar- Integrated Grammar	
August	Hornbill – Discovering Tut: the saga continues Snapshots –Mother’s Day Poem- The Voice of Rain Writing Skills – Classifieds; Advertisements, Revision	HYE – Syllabus covered up to August Writing skills- Classifieds and Poster (Short Composition) Speech- Article (Long Composition)
September	Half Yearly Examination	Integrated Grammar
October	Hornbill- The Adventure Poem- Childhood; Father and Son, Snapshots- Birth Writing Skills- Advertisements and Debate	
November	Hornbill- Silk Road, Snapshots- The Tale of Melon City Writing Skills - Debate	
December	Revision	Complete syllabus
January	Pre-Annual	
February	Preparation for Annual Examination	

### SUBJECT: MATHEMATICS

Month	Topics to be covered	Syllabus for assessments
June	1. Sets	
	2. Relations and Functions	
July	3. Trigonometric Functions	
	4. Complex Numbers and Quadratic Equations	
August	5. Linear Inequations	
	6. Permutations and Combinations	
	7. Binomial Theorem	
September	8. Sequence and series	
	Revision and Half Yearly Examinations	HYE- Chapters 1 to 8
Octobers	9. Straight lines	
	10. Conic Section	
November	11. Limits and Derivatives	
	12. Statistics	
December.	13. Introduction to Three Dimensional Geometry	
	14. Probability.	
	Revision	
	Annual Examinations	AE- All Chapters

**SUBJECT: BIOLOGY**

<b>Month</b>	<b>Topics to be covered</b>	<b>Syllabus for assessments</b>
June	1.The living world (till binomial nomenclature) 2.Biological classification	
July	3.Plant kingdom (topics excluded – angiosperms, plant Life cycle and alternation of generations ) 4.Animal kingdom 5.Morphology of flowering plants (description Of family Solanaceae only) 6.Anatomy of flowering plants (secondary growth excluded)	
August	7. Structural organization in animals (digestive, circulatory, respiratory, nervous and reproductive systems) of earth worm and cockroach is excluded. 8. Cell: The unit of life 9. Bio molecules 10. Cell cycle and cell division	
September	13. Photosynthesis in higher plants	HYE – Chapters 1 to 10
October	14. Respiration in plants 15. Plant growth and development	
November	17. Breathing and exchange of gases 18.Body fluids and circulation 19. Excretory products and their elimination	
December	20.locomotion and movement 21.neural control and coordination	
January	22.chemical coordination and integration Revision for annual exams	
February	Annual examination	AE- Whole syllabus.

**SUBJECT: CHEMISTRY**

<b>Month</b>	<b>Topics to be covered</b>	<b>Syllabus for assessments</b>
April-June	Ch-1 Some basic concepts of chemistry Ch-2- Structure of Atom	
July	Ch-3- Periodic Classification of Elements Ch-5- Chemical Thermodynamics Expt I-Content based experiments(4)	
August	Ch-4 Chemical Bonding and molecular structure Expt II- Volumetric analysis experiments(4)	
September	Revision Half Yearly Exams	
October	Ch-6- Equilibrium Ch-7 Redox Reactions	Ch 1 to 5- HYE SYLLABUS
November	Ch-8-Organic Chemistry Basic principles and techniques	
December	Ch- 9- Hydrocarbons Expt III- General salt analysis(7)	
January	Ch-9- Hydrocarbons(contd) Revision	
February	Entire Syllabus Revision , Annual Exams	Entire Syllabus

**SUBJECT: PHYSICS**

<b>Month</b>	<b>Topics to be covered</b>	<b>Syllabus for assessments</b>
April-June	2. Units and Measurements 3. Motion in a straight line.	
July	4. Motion in a plane 5. laws of motion 6. Work and energy (Half)+ 3 practicles	
August	6. Work and energy (contd) 7. System of particles and rotatory motion.	

	8. Gravitation 9. Elasticity 2 practicles.	
September	Revision	
	Half Yearly Exams	
October	10. Mechanical properties of solids 11. mechanical properties of fluds	2,3,4,5,6,7,8 - HYE SYLLABUS
November	12. Thermal properties of matter 13. Kinetic theory of gases 14. Thermodynamics	
December	15. Oscillations 16. waves +3 practicles	
January	Revision for PB	
February	Entire Syllabus Revision , Annual Exams	Entire Syllabus

#### SUBJECT: ACCOUNTANCY

Month	Topics to be covered	Syllabus for assessments
June	CH1—Introduction to Accounting	
July	CH2—Theory based Accounting; CH3-Recording of Transactions - I	
August	CH4—Recording of Transactions-II (with GST)	
	CH5—Bank Reconciliation Statement	
September	CH6—Financial Statements-I; CH7 Financial Statements II	HE--CH1,2,3,4,5 and 6
October	CH8—Trial Balance and Rectification of Errors	
November	CH9—Provision for Depreciation and Reserves	
December	Project Work; Revision	
January	Revision	
February		AE—Full Syllabus
March	New Session begins	

#### SUBJECT: BUSINESS STUDIES

Month	Topics to be covered	Syllabus for assessments
June	CH1.Nature and purpose of Business	
July	CH2.Forms of Business Organisations	
August	CH3.Private, Public and Global Enterprises	
	CH4.Business Services	
September	CH5.Emerging modes of Businesses	
	CH6.Social Responsibilities of Business and Business Ethics	HE--CH1 to 5
October	CH7.Sources of Business Finances	
November	CH8.Small BusinessCH9.InternalTrade	
December	CH10.International Business	
January	Project Work; Revision	
February	Revision	AE—Full Syllabus
March	New Session begins	

#### SUBJECT: ECONOMICS

Month	Topics to be covered	Syllabus for assessments
June	Statistics-Ch-1: Introduction Statistics -Ch-2: Collection of data Micro-Ch-1: Introduction Micro-Ch-2: Consumer's equilibrium	
July	Statistics Ch-3: Census and sample method of data collection Statistics-Ch-4: Organisation of data Statistics -Ch-5: Presentation of data. Textual and Tabular presentation Micro-Ch-3: Theory of demand	

August	Statistics -Ch-6: Bar diagram and Pie diagram Statistics -Ch-7: Graphic presentation of data Micro- Ch-4: Elasticity of demand Micro-Ch-5: Production Function	HYE:Statistics-Ch-1,2,3,4,5,6 and 7 Micro – Ch- 1,2,3,4 and 5
September	Revision for Half yearly	
October	Statistics-Ch-8: Measures of Central Tendency- Arithmetic mean Micro-Ch-6: Concept of Cost Micro- Ch-7: Concept of Revenue	
November	Statistics-Ch-9: Measures of Central Tendency- Median and Mode Micro-Ch-8 : Producer’s Equilibrium Micro-Ch-9 : Theory of Supply	
December	Statistics-Ch-11: Correlation Statics-Ch-12 :Index Number Micro- Ch-10 : Main Market Forms Micro –Ch-11: Price determination	
	Micro- Ch-12: Simple Application of Tools of Demand and Supply	
January	Revision	
February	Annual Examination	AE-Full Syllabus

#### SUBJECT: PHYSICAL EDUCATION

Month	Topics to be covered	Syllabus for assessments
April	1. Changing Trends And Carrier In Physical Education	
	2.Olympic movement	
June- July	3.Physical fitness, Wellness and Lifestyle	
	4.Physical Education And Sports For Differently Abled	
August	5.Yoga	
	6.Physical activity and leadership training	
September	7.Test,Andmeasurementand Evaluation	
	8.Fundamentals Of anatomy and physiology	
	9.Kinesiology, Biomechanics and sports	
October	10.Psychology and sports	
November	11.Training in sports 12.Doping	
December	Practices	
January	Revisions	PAE- Chapters 1 To 10
February	Final Exams	AE- Whole Syllabus.

#### SUBJECT: INFORMATICS PRACTICES

Month	Topics to be covered	Syllabus for assessments
April	1. Computer System,	
June-July	2. Getting Started with Python	
August	3. Python Fundamentals 4. Data Handling	
September	5. Flow of Control	HYE Chapters 1 to 5
October	6. List Manipulation 7. Dictionaries	
November	7. Dictionaries 8. Database Concepts	
December	8. Database Concepts 9. Structured Query Language SQL	
January	9. Structured Query Language SQL	
February	10. Emerging Trends	AE full syllabus