



Delhi Public School

Visakhapatnam Steel Plant Class-XI Syllabus Breakup for 2022-23

Admission No: _____ Class / Sec: XI - _____ Name of the Student: _____

SUBJECT: ENGLISH

Month	Topic To Be Covered	Syllabus For Assessments
June	Hornbill –The Portrait of a Lady	
	We're Not afraid To Die...	
	Poems – A Photograph	
	The Laburnum Top	
	Snapshots – The Summer of the Beautiful White Horse	
	The Address	
July	Hornbill –Discovering Tut Landscape of the Soul	
	Poems – The Voice of the Rain	
	Snapshots – Ranga's Marriage	
	Note Making	
	Writing Skills - Letter to Editor/School / College Authorities	
	Article/Speech	
	Poster	
Grammar- Integrated Grammar		
August	Hornbill – The Ailing Planet	
	Snapshots – Albert Einstein at School	
	Note making	
	Writing Skills – Notice	
	Revision	
September	Half Yearly Exam	HYE –
		Hornbill – The Portrait of a Lady; We're Not Afraid to Die...; Discovering Tut
		Landscape of the Soul
		The Ailing Planet
		Poems –
		A Photograph
		The Laburnum Top
		The Voice of the Rain
		Snapshots – The Summer of the Beautiful White Horse; The Address ; Ranga's Marriage
		Albert Einstein at School
October	Hornbill- The Browning Version	

	The Adventure	
	Poem- Childhood	
	Father to Son	
	Snapshots- Mother's Day	
	The Ghat of the only World	
	Writing Skills: Letters – Job Application/Compliant/Placing Order/Cancellation of Order/Enquiry/Information	
November	Hornbill- Silk Road	
	Snapshots- Birth; The Tale of Melon City	
	Writing Skills – Report Writing; Advertisements- Classified and Non Classifieds	
December	Revision	COMPLETE SYLLABUS
January	Pre Annual	
February	Sample Papers & Annual Exam	

SUBJECT: MATHEMATICS

Month	Topic To Be Covered	Syllabus For Assessments
June	1. Sets	
	2. Relations and Functions	
July	3. Complex Numbers	
	4. Quadratic Equations	
	5. Sequence and Series	
August	6. Straight Lines	
	7. Limits	
	8. Statistics	
September	9. Trigonometric functions.	
	Revision and Half Yearly Examinations	HYE- Chapters 1 to 9
October	10. Linear Inequations	
	11. Permutations and Combinations	
November	12. Conic Sections	
	13. Derivatives	
December.	15. Introduction to Three Dimentional Geometry	
	16 Probability.	
	Revision	
	Annual Examinations	AE- All Chapters

SUBJECT: BIOLOGY

MONTH	TOPIC TO BE COVERED	SYLLABUS FOR ASSESSMENTS
JUNE	1. The living world	
	2. Biological classification	
JULY	3. Plant kingdom	
	4. Animal kingdom	
	5. Morphology of flowering plants	
	6. Anatomy of flowering plants	
AUGUST	7. Structural organisation in animals	
	8. Cell: the unit of life	

	9. Bio molecules	
	10. Cell cycle and cell division	
SEPTEMBER	11. Transport in plants	HYE- chapters 1 to 10
	12. Mineral nutrition	
OCTOBER	13. Photosynthesis in higher plants	
	14. Respiration in plants	
	15. Plant growth and development	
NOVEMBER	16. Digestion and absorption	
	17. Breathing and exchange of gases	
	18. Body fluids and circulation	
DECEMBER	19. Excretory products and their elimination	
	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

Month	Topics To Be Covered	Syllabus For Assessment
June	Ch-1 Some basic concepts of chemistry Ch-9- Hydrogen	
July	Ch-2-Structure of Atom Ch-3- Periodic Classification of Elements Expt I-Content based experiments(4)	
August	Ch-4 Chemical Bonding Ch-5- States of Matter Expt II- Volumetric analysis experiments(4)	
September	Revision Half Yearly Exams	
October	Ch-6- Thermodynamics Ch-7 Chemical Equilibrium	Ch 1 to 5&9- HYE SYLLABUS
November	Ch-8- Redox Reactions Ch-10 The s-block elements Ch-11 The p-block elements	
December	Ch-12 Organic Chemistry Basic principles and techniques Expt III- General salt analysis(7)	
January	Ch-13 Hydrocarbons Ch-14 Environmental Chemistry	
February	Entire Syllabus Revision , Annual Exams	Entire Syllabus
March		

SUBJECT: PHYSICS

Month	Topic To Be Covered	Syllabus For Assessment
June	Ch-1. Physical world Ch-2.Units and measurements Ch-3. Motion In a straight line.	
July	Ch-4. Motion in a plane Ch-5. Laws of motion Ch-6. Work and energy Experiments: 1,2,3,4.	

August	Ch-7.System of particles Ch-8 Gravitation. Experiments:5,6,7.	
September	Ch-9.Elasticity 10. Mechanical properties of fluids Revision for HYE	HYE Syllabus Ch:1,2,3,4,5,6,7,8,
October	Mechanical properties of fluids HYE	
November	Ch-12. Thermal properties of matter Ch-13. Kinetic theory of gases Ch-14. Thermodynamics. Experiments: 8,9,10	
December	Ch-15. Oscillations Ch-16. Waves Experiments : 11,12,13,14,15.	PAE Syllabus Entire syllabus
January	Revision For PAE	
February	Revision For AE	

SUBJECT: ACCOUNTANCY

Month	TOPICS TO BE COVERED	SYLLABUS FOR ASSESSMENT
June & july	Ch 1--Introduction to accounting	
	Ch 2--Theory base accountinig; Ch 3--Recording of transactions-I	
August	Ch 4--Recording of transactions-II (with GST)	
	Ch 5--Bank reconciliation statement	
September	Ch 6--Financial statements-I; Ch 7 Financial statements II	HE-- CH 1, 2, 3, 4, 5 & 6
October	Ch 8--Trial balance & rectification of errors; Ch 9 -- Provisions for depreciation & reserve	
November	Ch 10 -- Bills of exchange; Ch 11--Accounts from incomplete records	
December	Ch 12--Applications of computers in accounting	
January	Revision	
February		AE-- FULL SYLLABUS
March		

SUBJECT: BUSINESS STUDIES

Month	TOPICS TO BE COVERED	SYLLABUS FOR ASSESSMENT
June & july	Ch 1. Nature and purpose of business	
	Ch 2. Forms of business organisation	
August	Ch 3. Private, public and global enterprises	

	Ch 4. Business services	
September	Ch 5. Emerging modes of business	
	Ch 6. Social responsibilities of business and business ethics	HE-- CH 1 TO 5
October	Ch 7. Sources of business finance	
November	Ch 8. Small business; Ch 9. Internal trade	
December	Ch 10. International business	
January	Project work; revision	
February	Revision	AE--FULL SYLLABUS
March		

SUBJECT: ECONOMICS

Month	Topics To Be Covered	Syllabus For Assessment
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	
September	Revision for Half yearly	HYE: Statistics-Ch-1 to 7 & Micro – Ch- 1 to 5
October	Statistics-Ch-8: Measures of Central Tendency-Arithmetic mean	
	Statistics-Ch-9: Measures of Central Tendency-Median and Mode	
	Micro-Ch-6: Concept of Cost	
	Micro- Ch-7: Concept of Revenue	
November	Statistics- Ch-10: Measures of Dispersion	
	Micro-Ch-8 : Producer's Equilibrium	
	Micro-Ch-9 : Theory of Supply	
December	Statistics-Ch-11: Correlation	
	Micro- Ch-10 : Main Market Forms	
	Micro –Ch-11: Price determination	
	Statics-Ch-12 :Index Number	
January	Revision	
February	Revision Annual Examination	AE-Full Syllabus

SUBJECT: PHYSICAL EDUCATION

Month	Topic To Be Covered	Syllabus For Assessments
June	1. Changing Trends And Carrier In Physical	

	Education	
	2.Olympic movement	
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	Practicals	
January	Revisions	PAE- Chapters 1 To 10
February	Final Exams	AE- Whole Syllabus.

SUBJECT: INFORMATICS PRACTICES

Month	Syllabus to be covered	Syllabus For Assessments
June & July	1. Computer System, 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