

**DAV PUBLIC SCHOOL PRATAP VIHAR GHAZIABAD**

**ACADEMIC PLANNER & SYLLABUS S(2020-21)**

**CLASS - XI**

**SUB - ENGLISH CORE**

**Prose- Hornbill**

**Supplementary Reader - Snapshots**

<b>SR.NO</b>	<b>MONTH</b>	<b>Syllabus</b>
<b>1.</b>	<b>APRIL</b>	
<b>2.</b>	<b>MAY</b>	<p><b>Writing &amp; Grammar-</b> Notice, Advertisement/ Letter (Formal) Editorial Placing Order, Enquiry Letter / Article writing/ Determiners, Tenses</p> <p><b>Prose- Ch. 1</b>The Portrait of a Lady <b>Ch.2</b> We're not Afraid to Die</p> <p>Poetry P-1 A Photograph P-2 The Laburnum Top</p>
	<b>PERIODIC TEST 1</b>	<p><b>Writing &amp; Grammar –</b></p> <p>Prose –Chapter 1,2 Poems -1-2</p>
<b>3.</b>	<b>JULY</b>	<p><b>Writing &amp; Grammar-</b> Comprehension Passage ,Note Making, Display Advertisement, Article , Speech Modals</p> <p>Prose Ch. 3 Discovering Tut, Poem -3 The Voice of the Rain</p> <p><b>Supplementary –</b> Ch.1 The Summer of the Beautiful White Horse</p> <p>Ch – 2 The Address Ch. -3 Ranga's Marriage</p>
<b>4.</b>	<b>AUGUST</b>	<p><b>Writing &amp; Grammar –</b> Posters, Letters, Speech, Debate</p> <p>Passive Voice Narration</p> <p>Prose- Ch 1-3 Ch-4 Landscape of the Soul</p> <p>Supp – Ch- 4. Albert Einstein at School+ <b>REVISION of all syllabus</b></p>
<b>5.</b>	<b>SEPTEMBER</b> <b>/REVISION/</b> <b>PERIODIC TEST 2/</b>	<p><b>REVISION OF Reading</b> Comprehension Passage, Note making</p> <p><b>Writing Grammar/ Literature completed till August</b></p>

	<b>HALFYEARLY</b>	
<b>6.</b>	<b>OCTOBER</b>	Note Making, Passive Voice, Clause, Narration Prose- Ch- 5 The Ailing Planet, Ch-6 The Browning Version Poem 4- Childhood Suppl. Ch -5 Mother's Day Ch – 6 The Ghat of the Only World
<b>7.</b>	<b>NOVEMBER</b>	Comprehension Passage, Note Making, Advertisement, Article, Speech Prose – Ch 7. The Adventure Ch- 8 Silk Road Poem – 5 Father to Son Supplementary Ch –7 Birth Ch- 8 The Tale of Melon City
	<b>PERIODIC TEST 3</b>	Comprehension Passage Note Making + All Syllabus covered In Month October & November
<b>8.</b>	<b>DECEMBER</b>	Comprehension Passage, Note Making, Article/ Debate <b>Revision &amp; Pre Board I</b>
<b>9.</b>	<b>JANUARY</b>	<b>Revision &amp; Pre Board II</b>
<b>10.</b>	<b>FEBUARY</b>	<b>Revision of Whole Syllabus</b>
<b>11.</b>	<b>MARCH</b>	Final Exams

**D.A.V. PUBLIC SCHOOL PRATAP VIHAR, GHAZIABAD**

**ACADEMIC PLANNER AND SYLLABUS**

**CLASS XI (2020– 2021)**

**MATHEMATICS**

<b>MONTH</b>	<b>TOPICS</b>
APRIL	Ch-1 Sets Ch-6 Linear inequalities
MAY	Ch-2 Relation and functions Ch-3 Trigonometric functions Ch-4 Principle of Mathematical Induction
JULY	Ch-5 Complex number Ch- 7 Permutation and Combination Ch- 8 Binomial Theorem
AUGUST	Ch-12 Introduction to three Dimensional Geometry Ch- 15 Statistics
SEPTEMBER	HALF-YEARLY EXAMINATION

OCTOBER	Ch-9 Sequence and Series Ch- 11 Conic section Ch- 13 Limits and Derivatives Ch-14 Mathematical Reasoning
NOVEMBER	Ch-10 Straight Lines Ch-16 Probability
DECEMBER	Revision (Whole Syllabus)
JANUARY PREBOARD EXAM	Revision and pre board exam with whole syllabus
FEBRUARY Annual examination	Revision and annual exam with whole syllabus

# DAV PUBLIC SCHOOL (10+2), PRATAP VIHAR, GHAZIABAD

## ACADEMIC PLANNER (2016-17)

CLASS – XI

SUBJECT- PHYSICS

**Prescribed Book:- Physics Textbook Part-I (NCERT) &  
Physics Textbook Part-II (NCERT)**

MONTH	TOPIC	SUBTOPIC	PRACTICAL
April	<b>1. Physical World</b>  <b>2. Units and measurements</b>	Nature of physical laws, Need for measurement, SI, fundamental and derived units, Errors in measurements, significant figures, Dimensional of physical units, dimensional analysis and its applications.	<ul style="list-style-type: none"><li>• Use of Vernier callipers</li></ul> <p>(i) To measure diameter of small spherical body. (ii) To measure dimensions of a given regular body. (iii) To measure internal diameter and depth of a beaker and find its volume.</p>
May	<b>3. Motion in a straight line</b>  <b>4. Motion in a plane</b>	Motion in a straight line, concepts of differentiation and integration, scalar & vector quantities, Relative velocity, unit vector  Motion in a plane, cases of uniform velocity, uniform circular motion.	<ul style="list-style-type: none"><li>• Use of Screw gauge</li></ul> <p>(i) To measure diameter of a given wire. (ii) To measure thickness of a given sheet.</p>
June	<b>SUMMER VACATION WILL BE HELD</b>		
July	<b>5. Laws of Motion</b>  <b>6. Work energy and Power</b>	Inertia, Newton laws of motion, impulse, newton third law of motion, Law of conservation of linear momentum, Dynamics of uniform circular motion  Work done by a constant force, kinetic energy, work energy	<ul style="list-style-type: none"><li>• To determine radius of curvature of a given spherical surface by a spherometer.</li><li>• To find the weight of a given body using parallelogram of vectors.</li></ul>

		theorem, conservatives forces	
August	<b>7. System of Particles and Rotational Motion</b>  <b>8. Gravitation</b>	Centre of mass of a two particle system, centre of mass motion, moment of force, torque, equilibrium of rigid bodies, moment of inertia, (for simple geometrical objects), parallel and perpendicular axis theorem Kepler's law of planetary motion, gravitational potential energy, escape velocity, geostationary satellites	<ul style="list-style-type: none"> <li>Using a simple pendulum, plot <math>LT</math> and <math>LT^2</math> graphs. Find the effective length of second pendulum.</li> <li>To study the relationship between force of limiting friction &amp; normal reaction &amp; to find the coefficient of friction.</li> </ul>
September	<b>Half Yearly Examination will held</b>		
October	<b>9. Mechanical properties of Solids</b>  <b>10. Mechanical properties of Fluids</b>  <b>11. Thermal properties of Matter</b>	Elastic behaviour, Hooke's law, Poisson ratio, elastic energy, shear modulus, modulus of rigidity Pascal's law and its application, fluid pressure, Viscosity, terminal velocity, Bernoulli's theorem, capillary rise, surface energy and tension Thermal expansion of solids, liquids, gases, specific heat capacity, Heat transfer, thermal conductivity, black body radiation	<ul style="list-style-type: none"> <li>To find the downward force, along an inclined plane, acting on a roller due to gravitational pull of earth, and study its relationship with the angle of inclination.</li> <li>To find the force constant of a helical spring by plotting graph b/w load &amp; extension.</li> <li>To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body.</li> </ul>

November	<b>12. Thermodynamics</b>  <b>13. Kinetic Theory</b>  <b>14. Oscillations</b>	Zeroth law of thermodynamics, 1st law, adiabatic and isothermal process, 2 <sup>nd</sup> law, heat engine Assumptions, kinetic interpretation of temperature, , rms speed of gas molecules, degrees of freedom, mean free path Periodic motion and functions, SHM, energy in SHM, simple pendulum, forced and damped oscillations, resonance	<ul style="list-style-type: none"> <li>• To study the relation between frequency and length of a given wire under constant tension using sonometer.</li> <li>• To determine the surface tension of water by capillary rise method.</li> </ul>
December	<b>15. Waves</b>	Wave motion, speed of wave motion, principle of superposition of waves, standing waves in strings and organ pipes, fundamental mode & harmonics, beats, Doppler effect	<ul style="list-style-type: none"> <li>• To find the speed of sound in air at room temperature using a resonance tube by two resonance positions.</li> </ul>
January	<b>REVISION &amp; PRE-REMEDIATION EXAMINATION – I WILL HELD</b>		
February	<b>PRACTICALS WILL HELD</b>		
March	<b>ANNUAL EXAMINATION WILL HELD</b>		

**Unit test- 1 = 50 marks**

**Half Yearly Exam = 70 marks**

**Unit test-2 = 50 marks**

**Pre Board Exam = 70 marks**

## Weightage to Learning Objectives:-

<b>UNIT</b>	<b>CHAPTER/TOPIC</b>	<b>MARKS</b>
I	<b>Physical World and Measurement</b> 1. Physical World 2. Electrostatics potential and Capacitance	<b>03</b>
II	<b>Kinematics</b> 3. Motion in a straight line 4. Motion in a plane	<b>10</b>
III	<b>Laws of Motion</b> 5. Laws of Motion	<b>10</b>
IV	<b>Work energy and Power</b> 6. Work energy and Power	<b>06</b>
V	<b>Motion of System of Particles</b> 7. System of Particles and Rotational Motion	<b>06</b>
VI	<b>Gravitation</b> 8. Gravitation	<b>05</b>
VII	<b>Properties of Bulk Matter</b> 9. Mechanical properties of Solids 10. Mechanical properties of Fluids 11. Thermal properties of Matter	<b>10</b>
VIII	<b>Thermodynamics</b> 12. Thermodynamics	<b>05</b>
IX	<b>Kinetic Theory</b> of Gases 13. Kinetic Theory	<b>05</b>
X	<b>Oscillations and Waves</b> 14. Oscillations 15. Waves	<b>10</b>
	<b>Total</b>	<b>70</b>



# DAV PUBLIC SCHOOL (10+2), PRATAP VIHAR, GHAZIABAD

## ACADEMIC PLANNER & SYLLABUS

CLASS – XI (2020-21)

**SUBJECT- CHEMISTRY**

Prescribed Book:- chemistry Textbook Part-I (NCERT) &  
chemistry Textbook Part-II (NCERT)

MONTH	TOPIC	SUBTOPIC	ACTIVITY
April	1. Some basic concepts of chemistry	<ul style="list-style-type: none"><li>• Nature of matter</li><li>• Laws of chemical combination</li><li>• Dalton atomic theory</li><li>• Concepts of atoms elements and molecules</li><li>• Percentage composition</li><li>• concentration</li><li>• empirical formula</li><li>• molecular formula</li></ul> stoichiometry calculation	
May	2. Structure of atom  3. Periodic classification of elements  14. Environmental chemistry	principles used in <ul style="list-style-type: none"><li>• Filling of electron in orbital</li></ul> Discovery of proton electron and neutron Isotopes and isobars Variation Models Debroglie equation Significance of classification  Modern periodic law Periodic properties	

		Environmental pollution Green chemistry	
June	<b>SUMMER VACATION WILL HELD</b>		
July	4. Chemical bonding  5. States of matter	<ul style="list-style-type: none"> <li>• Ionic bond</li> <li>• Chemical bond</li> <li>• Lewis str</li> <li>• Valence bond theory</li> <li>• VSEPR theory</li> <li>• hybridisation</li> <li>• Resonance</li> <li>• MOT</li> <li>• Hydrogen bonding</li> <li>• Three states of matter</li> <li>• Gas laws</li> <li>• Liquid properties</li> <li>Solid state</li> </ul>	<ul style="list-style-type: none"> <li>• Preparation of crystals of copper sulphate</li> <li>• Preparation of crystals of alum</li> </ul>
August	6. Thermodynamics  7. Equilibrium	<ul style="list-style-type: none"> <li>• Concept of system surrounding and boundary</li> <li>• First law of thermodynamics</li> <li>• Enthalpy</li> <li>• Entropy</li> <li>• Specific and molar heat capacity, Hess law</li> <li>• Molecular equilibrium</li> <li>• Ionic equilibrium</li> </ul>	<ul style="list-style-type: none"> <li>• Salt analysis</li> </ul>
September (Half Yearly Examination)	Ch-1 Some basic concept of chemistry Ch- 2 Structure of atom Ch-3 Classification of elements and periodicity in properties Ch-4 Chemical bonding Ch-5 States of matter Ch-6 Thermodynamics Ch-7 Equilibrium Ch-14 Environmental chemistry <p style="text-align: center;"><b>REVISION</b></p>		
October	9. Hydrogen	<ul style="list-style-type: none"> <li>• Position of hydrogen</li> <li>• Isotopes of hydrogen</li> <li>• hydrides</li> </ul>	<ul style="list-style-type: none"> <li>• Volumetric analysis</li> </ul>

	<p>8.Redox Reactions</p> <p>10. block elements</p>	<ul style="list-style-type: none"> <li>• Properties of water</li> <li>• Hydrogen peroxide</li> <li>• Concept for redox reaction</li> <li>• Types of redox reaction</li> <li>• Balancing of redox reaction</li> <li>• General trends of alkali metal</li> <li>• General trends of alkaline earth metal</li> <li>• Properties of compounds.+-</li> </ul>	<ul style="list-style-type: none"> <li>• Determination of boiling point</li> </ul>
November	<p>11.P Block elements</p> <p>Ch-8 Redox reactions</p> <p>Ch-9 Hydrogen</p> <p>Ch-10 S block elements</p> <p>Ch-11 P block elements</p> <p>12. Some basic concept of organic chemistry</p>	<ul style="list-style-type: none"> <li>• General trend of 13 gp elements</li> <li>• General trend of 14 gp element</li> <li>• Physical and Chemical properties of 13 and 14 gp compounds</li> <li>• Classification of organic compounds</li> <li>• Nomenclature</li> <li>• Isomerism</li> <li>• Types of organic reaction</li> <li>• Qualitative analysis</li> <li>• Quantative analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Determination of melting point</li> <li>• Experiments based on PH</li> </ul>

December (preboard examination1)	<p>13. Hydrocarbons Ch-1 Some basic concept of chemistry Ch-2 Structure of atom Ch-3 Classification of elements and periodicity in prop. Ch-4 Chemical bonding Ch-5 States of matter Ch-6 Thermodynamics Ch-7 Equilibrium Ch-8 Redox reactions Ch-9 Hydrogen Ch-10 S block elements Ch-11 P block elements Ch-12 Some basic concept of organic chemistry Ch-13 Hydrocarbons Ch-14 Environmental chemistry</p>	<ul style="list-style-type: none"> <li>Preparation &amp; properties of alkane, alkene, alkyne And benzene</li> </ul>	<ul style="list-style-type: none"> <li>Revision of salt analysis</li> <li>Revision of titration</li> </ul>
January (preboard examination – 2)	<b>CH – 1 TO CH – 14 &amp; REVISION</b>		<ul style="list-style-type: none"> <li>Revision of content based experiment</li> </ul>
February	<b>REVISION &amp; SUMMATIVE ASSESSMENT-2 WILL HELD</b>		

**DAV PUBLIC SCHOOL PRATAP VIHAR GHAZIABAD**

**CLASS :XI    SUBJECT : BIOLOGY**

**ACADEMIC PLANNER AND SYLLABUS(2020-21)**

<b><u>MONTH</u></b>	<b><u>TOPICS</u></b>	<b><u>SUB-TOPICS</u></b>	<b><u>PRACTICALS</u></b>
APRIL	<ul style="list-style-type: none"><li>• Morphology of flowering plant</li><li>• Anatomy of flowering plant.</li></ul>	Root, stem, leaves, flower, its modification, Tissue and tissue system, anatomy of dicot and monocot plant,	<ol style="list-style-type: none"><li>1. To study flower and prepare the T.S. of ovary OF Petunia.</li><li>2. To study modification of root, stem and leaves.</li></ol>
UNIT TEST -1	1. Morphology of flowering plant 2. Anatomy of flowering plant		
MAY	<ul style="list-style-type: none"><li>• Cell: The unit of life</li><li>• Biomolecules</li><li>• Breathing and exchange of gases.</li></ul>	An overview of eukaryotic cell, analysis of basic unit of biomolecules, biomacromolcules, Enzymes	<ol style="list-style-type: none"><li>1. To test the presence of glucose, protein, starch and fat in the given material</li></ol>
JULY	<ul style="list-style-type: none"><li>• Transport in plants</li><li>• Digestion and absorption</li><li>• Body fluids and circulation.</li></ul>	Means of transport, plant water relationship, long distance transport of water,transpiration, transport of minerals and food, Blood and lymph, Circulatory system. Digestive system, associated glands, process of digestion, disorders.	<ol style="list-style-type: none"><li>1.To prepare temporary slide of dicot and monocot root and stem respectively.</li><li>2. To study plant tissues from permanent slides.</li></ol>
AUGUST	<ul style="list-style-type: none"><li>• Biological classification</li><li>• Photosynthesis in higher plants.</li><li>• Mineral nutrition.</li><li>• Respiration in plants.</li><li>• Cell cycle and cell division.</li><li>• Excretory products and their elemination</li></ul>	Monera, Protista, Fungi, Mehanism of photosynthesis, photorespiration, minerals and their importance, Nitrogen metabolism. Mechanism of respiration in plants, Cell cycle, Mitosis and Meiosis, Human excretory system, Regulation and disorders.	<ol style="list-style-type: none"><li>1. To study specimens and slides of Monera, Protista and Fungi.</li><li>2. To study the rate of factors of different pigments of given plant material.</li><li>3. To study mitosis from permanent slides.</li><li>4. To study the distribution of stomata on the lower and upper surface of leaves.</li></ol>

<b>HALF YEARLY EXAM</b>	<ul style="list-style-type: none"> <li>• Morphology of flowering plant</li> <li>• Anatomy of flowering plant.</li> <li>• Cell: The unit of life</li> <li>• Biomolecules</li> <li>• Breathing and exchange of gases.</li> <li>• Transport in plants <ul style="list-style-type: none"> <li>• Digestion and absorption</li> </ul> </li> <li>• Body fluids and circulation.</li> <li>• Biological classification</li> <li>• Photosynthesis in higher plants.</li> <li>• Mineral nutrition.</li> <li>• Respiration in plants.</li> <li>• Cell cycle and cell division.</li> <li>• Excretory products and their elimination</li> </ul>		
OCTOBER	<ul style="list-style-type: none"> <li>• Structural organization in animals.</li> <li>• Locomotion and movement.</li> <li>• Plant kingdom.</li> <li>• Neural control and coordination.</li> </ul>	Animal tissues, Musculature, structure and function of skeletal system, disorders, algae, bryophytes, pteridophytes, gymnosperms, angiosperms, Human nervous system, structure and function of nerve, regulation and disorder.	<ol style="list-style-type: none"> <li>1. To study animal tissue from permanent slides.</li> <li>2. To study human skeleton.</li> <li>3. To study plant specimen.</li> </ol>
NOVEMBER	<ul style="list-style-type: none"> <li>• Animal kingdom</li> <li>• Plant growth and development</li> <li>• Chemical coordination and integration.</li> </ul>	Invertebrates and vertebrate, Growth, development and differentiation, PGR's, photoperiodism and vernalisation, Endocrine glands and hormones , its functions, mechanism of hormone action.	<ol style="list-style-type: none"> <li>1. To study animal specimen.</li> </ol>
UNIT TEST -2	<ul style="list-style-type: none"> <li>• Structural organization in animals.</li> <li>• Locomotion and movement.</li> <li>• Plant kingdom.</li> <li>• Neural control and coordination.</li> </ul>		
DECEMBER	REVISION FOR PRE BOARD EXAMS		
JANUARY	REVISION OF THEORY AND PRACTICALS		
FEBRUARY	ANNUAL EXAMINATION		

**PRESCRIBED BOOK: NCERT Text Book of Biology**

**D.A.V. PUBLIC SCHOOL, PRATAP VIHAR, GHAZIABAD**

**ACADEMIC PLANNER (2020-21)**

**CLASS XI, BUSINESS STUDIES**

<b><u>MONTH</u></b>	<b><u>TOPIC</u></b>
April	<ul style="list-style-type: none"><li>• Unit 1: Nature &amp; Significance of Business</li></ul>
May	<ul style="list-style-type: none"><li>• Unit 2:Forms of Business Organisations:</li></ul>
June	Summer Vacation
July	<ul style="list-style-type: none"><li>• Unit 3: Public, Private &amp; Global Enterprises</li><li>• Unit 4: Business Services</li></ul>
August	<ul style="list-style-type: none"><li>• Unit 5:Emerging Modes of Business</li><li>• Unit 6:Social Responsibilities of Business &amp; Business Ethics</li></ul>
September	<b><u>HALF YEARLY EXAMINATION</u></b>
October	<ul style="list-style-type: none"><li>• Unit 7: Sources of Business Finance</li><li>• Unit 8: Small Business</li></ul>
November	<ul style="list-style-type: none"><li>• Unit 9: Internal Trade</li><li>• Unit 10: International Business</li></ul>
December	Revision for pre board examination
January	Revision work
February	<b><u>ANNUAL EXAMINATION</u></b>

Book Prescribed: NCERT

Rashmi Arora

PGT( Commerce)

**D.A.V. PUBLIC SCHOOL, PRATAP VIHAR, GHAZIABAD**

**ACADEMIC PLANNER (2020-21)**

**CLASS XI, ACCOUNTANCY**

<b><u>MONTH</u></b>	<b><u>TOPIC</u></b>
April	<ul style="list-style-type: none"><li>• Unit 1: Theoretical Framework<ul style="list-style-type: none"><li>➤ Introduction to Accounting<ul style="list-style-type: none"><li>❖ Accountancy: Concept, Evaluation, types of accounting information, Qualitative Characteristics, Role of Accounting</li><li>❖ Basic accounting terms</li></ul></li></ul></li></ul>
May	<ul style="list-style-type: none"><li>• Unit 1: Theoretical Framework:<ul style="list-style-type: none"><li>➤ Theory base of Accounting:<ul style="list-style-type: none"><li>❖ Fundamental Accounting Concepts &amp; Assumptions</li><li>❖ System of accounting: Bases of Accounting</li><li>❖ Accounting Standards &amp; IFRS</li><li>❖ GST</li></ul></li></ul></li></ul>
June	Summer Vacation
July	<ul style="list-style-type: none"><li>• Unit2: Accounting Process<ul style="list-style-type: none"><li>➤ Vouchers and Transactions</li><li>➤ Recording of transactions:<ul style="list-style-type: none"><li>❖ Journal</li><li>❖ Ledger</li><li>❖ Special purpose books: cash book, sales book, purchase return book, sales return book</li></ul></li></ul></li></ul>
August	<ul style="list-style-type: none"><li>➤ Bank reconciliation Statement</li><li>➤ Depreciation, Provision &amp; Reserves</li></ul>
September	<b><u>HALF YEARLY EXAMINATION</u></b>
October	<ul style="list-style-type: none"><li>➤ Accounting for Bills of Exchange</li></ul>



	➤ Trial Balance and Rectification Of Errors
November	<ul style="list-style-type: none"> <li>• Unit 3:Financial Statements of sole Proprietorship: From complete and Incomplete Records</li> </ul>
December	<ul style="list-style-type: none"> <li>• Unit 4 : Computers in accounting</li> </ul>
December	Revision for pre board examination
January	Revision work
February	<b><u>ANNUAL EXAMINATION</u></b>

Book Prescribed: NCERT & T.S. GREWAL

Rashmi Arora

PGT( Commerce)

**D.A.V PUBLIC SCHOOL (10+2) PRATAP VIHAR, GHAZIABAD (U.P.)**

**SUBJECT-ECONOMICS**

**SESSION (2020-2021)**

**ACADEMIC PLANNER& SYLLABUS**

**CLASS-XI**

**Prescribed Books-**

**Macroeconomics- Introductory Macroeconomics (Sandeep Garg)**

**Statistics- Statistics for Economics ( T.R.JAIN V.K. OHRI)**

<b><u>MONTHS</u></b>	<b><u>TOPICS</u></b>
<b>APRIL</b>	<b><u>Statistics</u>-Chp1- Concept of Economics and Significance of Statistics in Economics. Chp9-Measures of Central Tendency-Arithmetic Mean. <u>Microeconomics</u>- Chp1-Introduction</b>
<b>MAY</b>	<b><u>Microeconomics</u> Chp2-Consumer's Equilibrium Chp3-Demand <u>Statistics</u>- Chp10-Measures of Central Tendency-Median and Mode.</b>
<b>UNIT TEST-1</b>	<b><u>Statistics</u>-Chp1- Concept of Economics and Significance of Statistics in Economics. Chp9-Measures of Central Tendency-Arithmetic Mean. <u>Microeconomics</u>- Chp1-Introduction</b>
<b>JULY</b>	<b><u>Microeconomics</u>- Chp2-Consumer's Equilibrium Chp4-Elasticity of Demand Chp5-Production Function <u>Statistics</u>- Chp10-Measures of Central Tendency-Median and Mode. Chp12-Correlation</b>
<b>AUGUST</b>	<b><u>Microeconomics</u>- Chp6-Cost Chp7-Revenue Chp8-Producer's Equilibrium <u>Statistics</u>- Chp13-Index Number</b>
<b>SEPTEMBER</b>	<b><u>Following Syllabus will be covered-</u> <u>Statistics</u>-Chp1- Concept of Economics and Significance of Statistics in Economics. Chp9-Measures of Central Tendency-Arithmetic Mean.</b>

<p><b>Half yearly examination</b></p>	<p><b>Chp10-Measures of Central Tendency-Median and Mode</b>  <b>Chp12-Correlation</b>  <b>Chp13-Index Number</b>  <u>Microeconomics-</u> <b>Chp1-Introduction</b>  <b>Chp2-Consumer's Equilibrium</b>  <b>Chp3-Demand</b>  <b>Chp4-Elasticity of Demand</b>  <b>Chp5-Production Function</b>  <b>Chp6-Cost</b>  <b>Chp7-Revenue</b></p>
<p><b>OCTOBER</b></p>	<p><u>Microeconomics-</u>  <b>Chp8-Producer's Equilibrium</b>  <b>Chp9-Supply</b>  <u>Statistics-</u> <b>Chp2-Collection of Data</b>  <b>Chp3-Census and Sample Methods of collection of data</b>  <b>Chp4-Organisation of data</b>  <b>Chp11-Measures of Dispersion</b></p>
<p><b>NOVEMBER</b></p>	<p><u>Statistics-</u> <b>Chp5-Textual and Tabular Presentation of data.</b>  <b>Chp6-Diagrammatic Presentation of data</b>  <b>Chp11-Measures of Dispersion</b>  <u>Microeconomics-</u>  <b>Chp8-Producer's Equilibrium</b>  <b>Chp10-Main Market Forms</b>  <b>Chp11- Price Determination with simple applications</b></p>
<p><b>UNIT TEST-3</b></p>	<p><u>Microeconomics-</u><b>Chp6-Cost</b>  <b>Chp8-Producer's Equilibrium</b>  <b>Chp9-Supply</b>  <b>Chp10-Main Market Forms</b>  <u>Statistics-</u> <b>Chp11-Measures of Dispersion</b>  <b>Chp12-Correlation</b>  <b>Chp5-Textual and Tabular Presentation of data.</b></p>
<p><b>DECEMBER</b></p>	<p><u>Microeconomics-</u>  <b>Chp11- Price Determination with simple applications</b>  <u>Statistics-</u>  <b>Chp7-Frequency Diagrams: Histogram, Polygon and Ogive</b>  <b>Chp8-Arithmetic Line Graphs</b></p> <p style="text-align: center;">+</p>

	<b>Revision</b>
<b>JANUARY</b>	<b>PRE-BOARD EXAMINATION WITH WHOLE SYLLABUS</b>
<b>FEBRUARY</b>	<b>FINAL EXAMINATION WITH WHOLE SYLLABUS</b>

**D.A.V. PUBLIC SCHOOL PRATAP VIHAR, GHAZIABAD**

**CLASS-XI Subject -Mass-Media**

**ACADEMIC PLANNER – 2020-21**

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**I. UNIT-1 ( April- May)**

1. Introduction to media
2. Aspects of Mass-Communication
3. Barriers to Communication

UNIT 2.

Evolution Of Media

Chapter 1.Understanding Cinema I

UNIT -2 ( July)

Chapter 2 Understanding Cinema 2

Chapter3 Understanding T.V

Chapter4 Print Media and its Type

Employability Skills - Communication Skills

Month - August

Chapter 5 Radio Genres in Radio Programming

Chapter 6 Internet

Unit - 3

Chapter 1. Media Literacy

Chapter 2 Analysis of Films

Chapter 3 Analysis of T.V programmes

Revision for Half yearly Exams

Month - September

HALF YEARLY EXAMINATION

Month - October

Chapter 1. Media Literacy

Chapter 2 Analysis of Films

Chapter 3 Analysis of T.V programmes

Employability Skills - ICT Skills

Chapter -4 Content Analysis of Newspaper and Periodicals

Chapter -5. Content Analysis of Radio Programmes

Chapter -6 Features of Internet

Month - November

Chapter 1. Story as a Self Content World

Chapter 2 Story as a Subjective Experience

Chapter 3. Content of a Story

Chapter 4. Techniques of Story Telling

Chapter 5 Genres of Story

Employability Skill - Self Management Skills

Month - December (1<sup>st</sup> Week )

Employability Skills - Green Skills

Entrepreneurial Skills

Revision for Pre Board and Practical Exams

In January - pre boards and Practicals

In February Final Examination.

Prescribed Book- N.C.E.R.T. text book of Mass-Media making of portfolio  
& documentary

NOOR SARASWAT

PGT ( MASS MEDIA)

**D.A.V PUBLIC SCHOOL, PRATAP VIHAR GHAZIABAD****ACADEMIC PLANNER****CLASS-XI (2020-21)****SUBJECT – COMPUTERS**

<b>MONTH</b>	<b>TOPIC</b>	<b>SUB-TOPIC</b>
<b>APRIL</b>	Chapter 1: Getting started with Python	Introduction, advantages and features of Python Programming Language, Installing, Interacting with Python, Exiting Python.
	Chapter 2: Python Programming Fundamentals	Variables and Data types, Keywords, Expressions, Operators, Functions, Tokens and Comments
<b>MAY</b>	Chapter 3: Conditional and Looping Constructs	Introduction, Flow Charts, Program Control Flow, Decision Making, Loops, Statements
<b>UNIT TEST 1</b>	Chapter 1, 2, 3	
<b>JULY</b>	Chapter 4: Strings in Python	Introduction, String operators, String Methods and String Functions.
	Chapter 5: Lists in Python	Introduction, Lists, Operations on Lists, List Built –in functions, Sorting(Bubble and Insertion)
<b>AUGUST</b>	Chapter 6: Tuples and Dictionary	Introduction, Tuples, Tuple creation, Tuple Operations, Dictionary in Python, Methods to create dictionary, Accessing, Traversing, Appending, Updating and Removing an Item from Dictionary, Membership Operators
	Chapter 7: Error and Exception Handling in Python	Introduction, Exception Handling, Debugging

	Chapter 8: Computer System Organization	Basic components of a computer system, Secondary Memory, Communication Bus, Mobile System Organization, Software concepts, Concept of OS, Libraries, Cloud and Parallel Computing
<b>HALF YEARLY</b>	Chapter 1,2,3,4,5,6,7,8	
<b>PRACTICAL</b>	Python + Tuples	Programs and Tuple creation command
<b>SEPTEMBER</b>	Chapter 9: Data Representation and Boolean Logic	Number system and its types, Arithmetic Operations in Binary System, Encoding of Characters, Boolean Logic and Operators, Truth table, Logic Gates, De Morgan's Theorem
<b>OCTOBER</b>	Chapter 10: Database Concepts	Introduction, DBMS concepts and Models (Types of Models), Relational Algebra, NoSQL Database, MongoDB features and Components and working, Operations in MongoDB
	Chapter 11: Structured Query Language (SQL)	Introduction, Overview, features, advantages and classification of SQL statements, SQL data types, SQL commands, SQL query processing, SQL special operators, Indexes
<b>UNIT TEST 2</b>	Chapter 9 + Chapter 10	
<b>NOVEMBER</b>	Chapter 12: Cyber Safety	Introduction, Cyber Safety, Safely browsing the web, Identity protection while using internet, Confidentiality of Information, Cybercrime, Cyber forensics, IT Act 2000, Appropriate usage of Social Media, Network Security Threats, Safely communicating Data-Secure



		Connection, Identity Verification, Cyber Safety in a Nutshell
<b>PREBOARD</b>	ALL ABOVE CHAPTERS	
<b>ANNUAL EXAM</b>	ALL ABOVE CHAPTERS	
<b>PRACTICAL + PROJECT</b>	Python Programs + SQL	Python Programs and SQL commands Project File

# DAV Public School, Pratap Vihar Ghaziabad

Academic Planner (2020–21)

Class - XI

Subject – Physical Education

S.NO.	Month	Chapter.
1.	APRIL	Unit -1: Changing Trends & Career in Physical Education
2.	MAY	Unit-2: Physical Fitness and wellness
3.	JULY	Unit-3: Olympic Value Education  Unit-4: Physical Education and sports for CWSN ( Divyang )
4.	AUGUST	Unit-5: Yoga  Unit-6: Physical Activity & Leadership Training
5.	SEPTEMBER	Revision of SA-1, or Half yearly (unit-1 to unit-6)
6.	OCTOBER	Unit-7: Test and Measurements & Evaluation
7.	NOVEMBER	Unit-8: Fundamental of Anatomy, physiology & Kinesiology in sports Unit-9: Psychology & Sports
8.	DECEMBER	Unit-10: Training in Sports
9.	JANUARY	Revision & ( PRE- BOARD )

# DAV Public School, PratapVihar Ghaziabad

Academic Planner (2020–21)

Class - XI

Subject – Work Experience

S.NO	ACTIVITY
TERM1	<ol style="list-style-type: none"><li>1. Importance of Pranayam in modern life</li><li>2. Preparation and use to First Aid Box</li></ol>
TERM 2	<ol style="list-style-type: none"><li>1. Knowledge about how to make fit body</li><li>2. Traffic Rules and Regulation.</li></ol>