

**DELHI PUBLIC SCHOOL, GANDHINAGAR**  
**ACADEMIC SESSION 2019–20**  
**SYLLABUS CLASS: XII (COMMERCE)**

**SUBJECT: ENGLISH**

MONTH	MAIN COURSE BOOK (FLAMINGO)	SUPPLEMENTARY READER(VISTAS)	ADVANCED WRITING SKILLS
<b>April</b>	1. The Last Lesson (Prose) 2. Lost Spring (Prose)	1. The Third Level 2. The Tiger King	1. Notice Writing, 2. Advertisement Writing
<b>May</b>	1. My Mother at Sixty Six (Poem)	-----	-----
<b>June</b>	1. An Elementary School classroom in a slum (Poem)	-----	-----
<b>Syllabus for Periodic Test 1</b>			
<b>Main Course Book: 1. The Last Lesson 2. Lost Spring 3. My Mother at Sixty Six</b>			
<b>Supplementary Reader: 1. The Tiger King. 2. The Third Level</b>			
<b>Advanced Writing Skills: 1. Notice Writing 2. Advertisements</b>			
<b>July</b>	1. Keeping Quiet (Poem) 2. Deep Waters (Prose) 3. A Thing of Beauty (Poem) 4. Poets and pancakes (Prose)	1. The Enemy 2. Should Wizard Hit Mommy?	1. Note-making 2. Drafting Posters
<b>August</b>	1. The Rattrap (Prose) 2. Indigo (Prose) 3. Aunt Jennifer's Tigers (Poem)	1. On the Face of it	1. Invitations and Replies 2. Debate 3. Newspaper & Magazine Report
<b>Syllabus for Periodic Test 2</b>			
<b>Main Course Book: 1. Keeping Quiet 2. Deep Waters 3. Poets and pancakes 4. Aunt Jennifer's Tiger</b>			
<b>Supplementary. Reader: 1. Should Wizard Hit Mommy? 2. The Enemy.</b>			
<b>Advanced. Writing Skills: 1. Drafting Posters 2. Invitations and Replies</b>			
<b>September</b>	1. The Interview Part I, Part II 2. Poets and Pancakes 3. A Roadside Sand	1. Evans tries an O Level 2. Memories of Childhood 3. The Cutting of My Long Hair 4. We too are Human Beings	1. Article Writing 2. Speech Writing 3. Formal Letters & Applications
<b>October</b>	1. Going Places (Prose)	1. Journey to the end of the Earth	Revision
<b>November</b>	Revision	Revision	Revision
<b>Syllabus for Pre Board I &amp; II : All Chapters</b>			

**SUBJECT: ACCOUNTANCY**

Month	Lessons/ Chapters	Activities/ Practical
<b>April</b>	1. Not-For-Profit Organisation	
<b>May</b>	2. Fundamentals of Partnership Firms	
<b>June</b>	2. Fundamentals of Partnership Firms 3. Goodwill and Change in Profit Sharing Ratio	
<b>Syllabus for Periodic Test-1 - chp.1, 2</b>		
<b>July</b>	4. Admission of a Partner 5. Retirement of a Partner 6. Death of a Partner	
<b>August</b>	7. Dissolution of Partnership Firm 8. Share Capital Transactions	
<b>September</b>	9. Issue of Debentures 10. Redemption of Debentures	
<b>Syllabus for Periodic Test-2 - chp.3,4,5</b>		
<b>October</b>	11. Financial Statements 12. Financial Statements Analysis 13. Comparative and Common Size Statements 14. Ratio Analysis	
<b>November</b>	14. Ratio Analysis 15. Cash Flow Statement	Submission of Comprehensive Project
<b>December</b>	15. Cash Flow Statement Revision	Submission of 1. Specific – 1 Project 2. Specific – 2 Project 3. Segment Reporting

**SUBJECT: BUSINESS STUDIES**

Month	Lessons/ Chapters	Activities/ Practical
<b>April</b>	1. Nature and Significance of Management 2. Principles of Management	
<b>May</b>	2. Principles of Management	<b>Project</b> Henry Fayol's Principles of Management. (Discussion on other Project topics)
<b>June</b>	3. Business Environment	Group Presentation on History/concept and impact of Demonetisation
<b>Syllabus for Periodic Test-1 (July): - Chp.1 and Chp.2</b>		
<b>July</b>	4. Planning 5. Organising	Case Studies to understand the various types of plans in an organisation.

<b>August</b>	<b>6.</b> Staffing <b>7.</b> Directing	Visit DPS HR to understand the recruitment process.
<b>September</b>	<b>8.</b> Controlling <b>9.</b> Financial Management	Visit to NSE Ahmedabad
<b>Syllabus for Periodic Test-2 (August): Ch 3. 4 and 5</b>		
<b>October</b>	<b>10.</b> Financial Markets <b>11.</b> Marketing	Samples of various products to understand labelling and packaging
<b>November</b>	<b>12.</b> Consumer Protection	
<b>Syllabus for Pre Board I &amp; II : All Chapters</b>		

**SUBJECT: ECONOMICS**

<b>Month</b>	<b>Lessons/ Chapters</b>	<b>Activities/ Practical</b>
<b>April</b>	<b>Macro:</b> Unit 2: Money and Banking <b>Indian Economy:</b> Ch-1 Indian Economy on the Eve of Independence. Ch-2 Indian Economy (1950 – 1990)	Debate on the various functions of the Central Bank and Commercial Bank.
<b>May</b>	<b>Indian Economy:</b> Ch-2 Indian Economy (1950 – 1990) continued.	
<b>June</b>	<b>Macro:</b> Unit 1: National Income and its Related Aggregates.	
<b>Syllabus for Periodic Test-1</b>		
<b>Macro: Unit 2: Money and Banking Indian Economy: Ch- 1 and 2</b>		
<b>July</b>	<b>Macro:</b> Unit 1: National Income and its Related Aggregates. (Continued) <b>Indian Economy:</b> Ch-3 Liberalisation, Privatisation and Globalisation	
<b>August</b>	<b>Indian Economy:</b> Ch-4 Poverty Ch-5 Human Capital Formation Ch- 6 Rural Development Ch-7 Employment: Growth and Informalisation and other Issues.	
<b>September</b>	<b>Macro:</b> Unit 3: Determination of Income and Employment.	Discussion of the Project.
<b>Syllabus for Periodic Test-2</b>		
<b>Macro : Unit 1: National Income and its Related Aggregates. Indian Economy: Ch- 3 and 5</b>		

<b>October</b>	<b>Macro:</b> Unit 4: Government Budget and the Economy. <b>Indian Economy:</b> Ch-8 Infrastructure Ch-9 Environment and Sustainable Development	Submission of the Project. Discussion on the budget of 2019.
<b>November</b>	<b>Macro:</b> Unit 5: Balance of Payment <b>Indian Economy:</b> Ch-10 Comparative Development Experiences of India and its Neighbours.	
<b>Syllabus for Pre Board I &amp; II : All Chapters</b>		

**SUBJECT: MATHEMATICS**

Month	Lessons/Chapters	Activities
<b>April</b>	<b>3.</b> Matrices <b>4.</b> Determinants <b>1.</b> Relations and Functions	
<b>May</b>	<b>1.</b> Relations and Functions(Contd...)	
<b>June</b>	<b>1.</b> Relations and Functions(Contd...) <b>2.</b> Inverse Trigonometric Functions	1) To verify that the relation $R$ in the set $L$ of all lines in a plane, defined by $R = \{(l, m) : l \perp m\}$ is symmetric but neither reflexive nor transitive.  (2) To demonstrate a function which is not one-one but is onto.
<b>Syllabus for Periodic Test-1 : Chapters : 1, 3 and 4</b>		
<b>July</b>	<b>2.</b> Inverse Trigonometric Functions (Contd...) <b>5.</b> Continuity and Differentiability <b>6.</b> Application of Derivatives	(3) To draw the graph of $\sin^{-1} x$ , using the graph of $\sin x$ and demonstrate the concept of mirror reflection about $y = x$ .  (4) To find analytically the limit of a function at a point and also to check the continuity of the function at that point.
<b>August</b>	<b>6.</b> Application of Derivatives (Contd...) <b>7.</b> Integrals	(5) To verify Rolle's theorem. (6) To understand the concepts of absolute maximum and absolute minimum of a function in a given closed interval through its graph.
<b>Syllabus for Periodic Test-2 : Chapters : 2, 5 and 6</b>		
<b>September</b>	<b>7.</b> Integrals (Contd...) <b>8.</b> Application of Integrals <b>9.</b> Differential Equations	(7) To evaluate the definite integral $\int_a^b \sqrt{1-x^2} dx$ as the limit of a sum and verify it by actual integration.

<b>October</b>	<b>9.</b> Differential Equations (Contd...) <b>10.</b> Vector Algebra <b>11.</b> Three dimensional geometry	(8) To verify geometrically that $\vec{c} \times (\vec{a} + \vec{b}) = \vec{c} \times \vec{a} + \vec{c} \times \vec{b} .$ (9) To locate the points to given co-ordinates in space, measure the distance between two points in space and then to verify the distance using distance formula.
<b>November</b>	<b>12.</b> Linear Programming <b>13.</b> Probability	(10) To explain the computation of conditional probability of a given event A, when event B has already occurred, through an example of throwing a pair of a dice.
<b>Syllabus for Pre Board I &amp; II : All Chapters</b>		

**SUBJECT: COMPUTER SCIENCE**

<b>Month</b>	<b>Lessons/Chapters</b>	<b>Practical</b>
<b>April</b>	<b>1:</b> C++ Revision Tour <b>3:</b> Function Overloading <b>4 :</b> Classes and Objects	Programs implementing function overloading and default arguments. Creating classes, Class method definition outside and inside the class. Private and public modifiers. Practical File Program No.1,2,3.
<b>May</b>	<b>4:</b> Classes and Objects .....Continued	Arrays within a class, use of objects. Practical File Program No.4
<b>June</b>	<b>5 :</b> Constructors and Destructors	copy constructors, constructor overloading. Practical File Program No. 6,7
<b>Syllabus for Periodic Test-1 – L-1,3,4 and 5</b>		
<b>July</b>	<b>6:</b> Inheritance : Extending classes <b>7:</b> Data File Handling	Programs implementing single inheritance, multiple inheritances, multilevel inheritance. Programs implementing reading and writing in files, get(), getline(), put() , read() and write() functions. Insert, search, append and modify data in files. Practical File Program No. 5 to12
<b>August</b>	<b>8 :</b> Pointers <b>9 :</b> Arrays	Arrays of pointers, Invoking functions by passing references, dynamic structures, use of <i>this</i> pointer. Programs implementing searching, sorting, inserting in arrays using various algorithms. Matrix operations. Practical File Program No. 13 to 24.
<b>September</b>	<b>10 :</b> Linked Lists, Stacks and Queues <b>13 :</b> Boolean Algebra	Implementation of stack and queues in form of arrays and linked lists, various operations on stacks and queues. Practical File Program No 25 to 29.
<b>Syllabus for Periodic Test-2 – L-6,7,8 and 9</b>		

<b>October</b>	<b>13</b> : Boolean Algebra....continue <b>11</b> : Database Concepts <b>12</b> : Structured Query Language	Project Work SQL commands for creation and manipulation of database. Practical file SQL Q.1 and Q.2
<b>November</b>	<b>14</b> : Communication and Network Concepts <b>2</b> : Object Oriented Programming	Project Work (submission by 15 <sup>th</sup> November)
<b>Syllabus for Pre Board I &amp; II : All Chapters</b>		

**SUBJECT: PHYSICAL EDUCATION**

<b>Month</b>	<b>Lessons/ Chapters</b>	<b>Activities/ Practical</b>
<b>April</b>	<b>1.</b> Planning In Sports <b>2.</b> Sports Nutrition	Physical Fitness Test Practice & Any one team game skill practice. (Basketball, Football, Volleyball)  Practical Book Ch- 1
<b>May</b>	<b>2.</b> Sports Nutrition (Continue)	Yoga Practice & Any one team game skill practice. ( Basketball, Football, Volleyball )
<b>June</b>	<b>3.</b> Yoga and Life style <b>4.</b> Physical Education and Sports for differently able	Physical Fitness Test Practice & Any one team game skill practice. ( Basketball, Football, Volleyball )  Practical Book Ch- 2
<b>Syllabus for Periodic Test-1 : - chp.1, 2 and 3</b>		
<b>July</b>	<b>4.</b> Physical Education and Sports for differently able (continue) <b>5.</b> Children and Women in Sports	Yoga practice and any one team game skill practice (Athletics, Basketball, Football, Volleyball )  Practical Book Ch- 3
<b>August</b>	<b>6.</b> Test and Measurement in Sports. <b>7.</b> Physiology and Injuries in Sports	Physical Fitness Test Practice and any one team game skill practice (Athletics, Basketball, Football, Volleyball )  Practical Book Ch- 4
<b>September</b>	<b>8.</b> Biomechanics and Sports	Yoga Practice & Any one team game skill practice. ( Basketball, Football, Volleyball )
<b>Syllabus for Periodic Test-2 : - Chp.4,5,6 and 7</b>		
<b>October</b>	<b>9.</b> Psychology And Sports <b>10.</b> Training in Sports	Physical Fitness Test Practice & Any one team game skill practice. (Basketball, Football, Volleyball)
<b>November</b>	Revision of Syllabus	Yoga Practice Any one team game skill practice. (Basketball, Football, Volleyball)  Practical Book Submission and Viva