

**DON BOSCO SENIOR SECONDARY SCHOOL, NERUL****SYLLABUS FOR PRE-ANNUAL EXAM****SESSION: 2019 – 2020****CLASS – XI SCIENCE**

<b>SUBJECT</b>	<b>TOPIC / CHAPTER</b>
<b>ENGLISH</b>	<b>HORNBILL</b> PROSE: 6. Browning Version POETRY: 4. Voice of rain <b>SNAPSHOTS</b> 4. Albert Einstein at school 5. Mother's Day <b>CREATIVE WRITING</b> 1. Letter-writing 2. Notice-writing 3. Advertisements <b>GRAMMAR</b> 1. Integrated grammar 2. Active and Passive voice
<b>PHYSICS</b>	Ch 1: Physical World Ch 2: Units and Measurements Ch 3: Motion in a Straight Line Ch 4: Motion in a Plane Ch 5: Laws of Motion Ch 6: Work, Energy and Power Ch 7: System of Particles and Rotational Motion
<b>CHEMISTRY</b>	Ch 1: Equilibrium Ch 2: Redox Reaction Ch 3: Hydrogen
<b>MATHEMATICS</b>	Ch 4: Principle of Mathematical Induction Ch 5: Complex Numbers and Quadratic Equations Ch 6: Linear Inequalities Ch 7: Permutations and Combinations
<b>BIOLOGY</b>	Ch 12: Mineral nutrition Ch 13 : Photosynthesis Ch 14 : Respiration Ch 15: Plant growth and development Ch 16 : Digestion in humans
<b>COMPUTER SCIENCE</b>	Ch 7: Data Handling Ch 8: Conditional and Iterative Statements
<b>PHYSICAL EDUCATION</b>	Ch 1: Changing trends and career in physical education Ch 2: Olympic movement Ch 3: Physical fitness , wellness and Lifestyle Ch 4: Physical education and Sports for CWSN Ch 5: Yoga Ch 6: Physical activity and Leadership Training Ch 7: Fundamental of anatomy, physiology & kinesiology in sports Ch 9: Doping

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<b>ACCOUNTANCY</b>	Ch 7: Depreciation Ch 8: Bills of Exchange
<b>ECONOMICS</b>	<b>MICROECONOMICS</b> Ch 1: Introduction to Statistics Ch 2: Collection of data Ch 3: Organisation of data Ch 4: Presentation of data
<b>BUSINESS STUDIES</b>	Ch 7: Formation of a company Ch 8: Sources of business finance
<b>ENTREPRENEURSHIP</b>	Ch 5: Concept of Market

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<b>SUBJECT</b>	<b>TOPIC / CHAPTER</b>
<b>ENGLISH</b>	<b>FLAMINGO</b> <b>PROSE:</b> Ch.1- The Last Lesson Ch.2- Lost Spring Ch.3- Deep Water Ch.4- The Rattrap Ch.5- Indigo Ch.6-Poets and Pancakes Ch.7-The Interview Ch.8- Going Places <b>Poetry</b> Ch.1- My Mother at Sixty-six Ch.2- An Elementary School Classroom in a Slum Ch.3- Keeping Quiet Ch.4- A Thing of Beauty Ch.5- A Roadside stand Ch.6- Aunt Jennifer’s Tigers <b>VISTAS:</b> Ch. 1-The Third Level Ch.2- The Tiger King Ch.3- Journey to the end of the Earth Ch.4- The Enemy Ch.5- Should Wizard Hit Mommy? Ch.6- On the Face of It Ch.7- Evans Tries an O-level Ch.8- Memories of Childhood <b>WRITING SKILLS:</b> Advertisement, Notices, Designing or Drafting Posters, Invitations and Replies. Article Writing, Debate, Speech, Report Writing, Note making and Summary.
<b>PHYSICS</b>	Ch 1: Electric Charges and Fields Ch 2: Electric Potential and Capacitance Ch 3: Current Electricity Ch 4: Moving Charges and Magnetism Ch 5: Magnetism and Matter Ch 6: Electromagnetic Induction Ch 7: Alternating Current Ch 8: Electromagnetic Waves
<b>CHEMISTRY</b>	Ch 1: Solutions Ch 2: Electrochemistry Ch 3: Chemical Kinetics Ch 4: Surface Chemistry Ch 5: General Principles and Processes Isolation of Elements Ch 6: p- block elements Ch 7: d and f block elements Ch 8: Coordination Compound Ch 9: Haloalkanes & Haloarenes Ch 10: Alcohols, Phenols & Ethers Ch 11: Aldehydes, Ketones & Carboxylic Acid Ch 12: Amines Ch 13: Biomolecules Ch 14: Polymers Ch 15: Chemistry in Everyday Life

<p><b>MATHEMATICS</b></p>	<p>Ch 1: Relations and Functions  Ch 2: Inverse Trigonometric Functions  Ch 3: Matrices  Ch 4: Determinants  Ch 5: Continuity and Differentiability  Ch 6: Application of Derivatives  Ch 7: Integrals  Ch 8: Application of Integrals  Ch 9: Differential Equations  Ch 10: Vector Algebra  Ch 11: Three Dimensional Geometry  Ch 12: Linear Programming  Ch 13: Probability</p>
<p><b>BIOLOGY</b></p>	<p>Ch1: Reproduction in organisms  Ch 2: Sexual reproduction in flowering plants  Ch 3: Reproduction in humans  Ch 4: Reproductive health  Ch 5: Principles of inheritance  Ch 6: Molecular basis of inheritance  Ch 7: Evolution  Ch 8: Human health and diseases  Ch 9: Strategies for enhancement in food production  Ch 10: Microbes in human welfare  Ch 11: Principles and processes of biotechnology  Ch 12: Applications of biotechnology  Ch 13: Organisms and population  Ch 14 : Ecosystem  Ch 15 : Biodiversity and conservation  Ch 16 : Environmental issues</p>
<p><b>COMPUTER SCIENCE</b></p>	<p>Ch 1: C++ Revision Tour  Ch 2: Basic Object Oriented Programming (OOP) Concepts  Ch 3: Function Overloading  Ch 4: Classes and Objects  Ch 5: Constructors and Destructors  Ch 6: Inheritance: Extended Classes  Ch 7: Data File Handling  Ch 8: Pointers  Ch 9: Data Structures – I (Arrays)  Ch 10: Data Structures – II (Stacks And Queues)  Ch 11: Database Concepts  Ch 12: Structured Query Language  Ch 13: Boolean Algebra  Ch 14: Communication and Networking Concepts</p>
<p><b>PHYSICAL EDUCATION</b></p>	<p>Ch 1: Planning in sports  Ch 2: sports and nutrition  Ch 3: Yoga and lifestyle  Ch 4: Physical education and Sports for CWSN  Ch 5: Children and women in sports  Ch 6: Test and measurement in Sports  Ch 7: Physiology and Injuries in Sports  Ch 8: Biomechanics &amp; Sports  Ch 9: Psychology &amp; Sports  Ch 10: Training in Sports</p>

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<b>ACCOUNTANCY</b>	<p>Ch 1: Not for Profit Organisation Ch 2: Fundamental Principle in Accountancy Ch 3: Goodwill Ch 4: Change in Ratio Ch 5: Admission of a Partner Ch 6: Retirement and Death of a Partner Ch 7: Dissolution of a Partnership firm Ch 8: Issue of share Ch 9: Issue of Debenture Ch 10: Redemption of Debenture Ch 11: Financial Statement of a Company Ch 12: Analysis of Financial Statement Ch 13: Accounting Ratio Ch 14: Cash Flow Statement.</p>
<b>ENTREPRENEURSHIP</b>	<p>Ch 1: Entrepreneurial Opportunities Ch 2: Enterprise Planning Ch 3 :Enterprise Marketing Ch 4: Enterprise Growth Strategies Ch 5: Business Arithmetic Ch 6 :Resource Mobilization</p>

<p><b>ECONOMICS</b></p>	<p><b>MACROECONOMICS</b>  Unit 5: National income and Related Aggregates  Unit 6: Money and Banking  Unit 7: Determination of Income and Employment  Unit 8: Government Budget and Economy  Unit 9: Balance of Payments</p> <p><b>INDIAN ECONOMIC DEVELOPMENT</b>  Ch 1: Indian Economy on the Eve of Independence  Ch 2: Five Year Plans In India  Ch 3: Features, Problems and Policies of Agriculture  Ch 4: Strategy of Industrial Growth  Ch 5: India's Foreign Trade  Ch 6: Economic Reforms Since 1991  Ch 7: Poverty</p>
<p><b>BUSINESS STUDIES</b></p>	<p>Ch 1: Nature &amp; significance of management  Ch 2: Principles of management  Ch 3: Business Environment  Ch 4: Planning  Ch 5: Organising  Ch 6: Staffing  Ch 7: Directing  Ch 8: Controlling  Ch 9: Financial management  Ch 10: Financial Markets  Ch 11: Marketing Management  Ch 12: Consumer Protection</p>