

**JSS PRIVATE SCHOOL - DUBAI**  
**PORTION FOR ANNUAL EXAMINATION GRADE 11**  
**2018-19**

<b>SUBJECT</b>	<b>SCIENCE STREAM</b>
	<b>GRADE 11</b>
<b>ENGLISH</b>	Reading- Comprehension passages, Note making, Summary writing Writing- Short writing(advertisements, classifieds, poster, notice writing) Long writing(Business letters, job application letter) Article writing, Speech writing Literature- All chapters from Snapshots and Hornbill and Long Reading Text Grammar- Integrated Grammar (gap filling, tenses, Sentence Re ordering, editing, omission)
<b>MATHEMATICS</b>	<ol style="list-style-type: none"> <li>1. Sets</li> <li>2. Relations and Functions</li> <li>3. Trigonometric Functions</li> <li>4. Principle of Mathematical Induction</li> <li>5. Complex numbers Quadratic equations</li> <li>6. Linear Inequalities</li> <li>7. Permutations and Combinations</li> <li>8. Binomial theorem</li> <li>9. Sequences and Series</li> <li>10. Straight lines</li> <li>11. Conic sections</li> <li>12. Introduction to 3D Geometry</li> <li>13. Limits and Derivatives</li> <li>14. Statistics</li> <li>15. Probability</li> </ol>
<b>PHYSICS</b>	<ol style="list-style-type: none"> <li>1. Physical world</li> <li>2. Units and Measurements</li> <li>3. Motion in a straight line</li> <li>4. Motion in a plane</li> <li>5. Laws of motion</li> <li>6. Work, energy and power</li> <li>7. System of particles and rotational motion</li> <li>8. Gravitation</li> <li>9. Mechanical properties of solids</li> <li>10. Mechanical properties of fluids</li> <li>11. Thermal properties of matter</li> <li>12. Thermodynamics</li> </ol>

	<ul style="list-style-type: none"> <li>13. Kinetic theory of gases</li> <li>14. Oscillations and waves</li> <li>15. Ray optics</li> </ul>
<b>CHEMISTRY</b>	<ul style="list-style-type: none"> <li>1. Some Basic Concepts of Chemistry</li> <li>2. Structure of Atom</li> <li>3. Classification of Elements and Periodicity in Properties</li> <li>4. Chemical Bonding and Molecular Structure</li> <li>5. States of Matter: Gases, Liquids and solids</li> <li>6. Chemical Thermodynamics</li> <li>7. Equilibrium</li> <li>8. Redox Reactions</li> <li>9. Hydrogen</li> <li>10. s -Block Elements</li> <li>11. p -Block Elements (groups 13,14 and 15)</li> <li>12. Organic Chemistry: Some basic Principles and Techniques</li> <li>13. Hydrocarbons</li> <li>14. Environmental Chemistry</li> </ul>
<b>BIOLOGY</b>	<ul style="list-style-type: none"> <li>Unit 1.Diversity in living world</li> <li>Unit 2.organization in plants and animals</li> <li>Unit 3.Cell:Structure and functions</li> <li>Unit 4.Plant physiology</li> <li>Unit 5.Human physiology</li> </ul>
<b>PSYCHOLOGY</b>	<ul style="list-style-type: none"> <li>1. What is psychology?</li> <li>2. Methods of enquiry in psychology</li> <li>3. The bases of human behaviour</li> <li>4. Human development</li> <li>5. Sensory, attentional and perceptual processes</li> <li>6. Learning</li> <li>7. Human memory</li> <li>8. Thinking</li> <li>9. Motivation and emotion</li> </ul>
<b>COMP. SCIENCE</b>	<ul style="list-style-type: none"> <li>1. 1.Computer Fundamentals</li> <li>2. Programming Methodology</li> <li>3. Introduction to C++</li> <li>4. Programming in C++</li> </ul>
<b>PHYSICAL EDUCATION</b>	<ul style="list-style-type: none"> <li><b>Unit-I : Changing Trends &amp; Career In Physical Education</b></li> <li><b>Unit-II : Olympic Movement</b></li> <li><b>Unit-III : Physical Fitness, Wellness &amp; Lifestyle</b></li> <li><b>Unit-IV : Physical Education &amp; Sports for Differently Abled</b></li> <li><b>Unit-V : Yoga</b></li> </ul>

	<p><b>Unit-VI : Physical Activity &amp; Leadership Training</b></p> <p><b>Unit-VII : Test, Measurement &amp; Evaluation</b></p> <p><b>Unit-VIII : Fundamentals Of Anatomy &amp; Physiology</b></p> <p><b>Unit-IX : Kinesiology, Biomechanics &amp; Sports</b></p> <p><b>Unit-X : Psychology &amp; Sports</b></p> <p><b>Unit-XI : Training In Sports</b></p> <p><b>Unit-XII : Doping</b></p>
<b>MARKETING</b>	<ol style="list-style-type: none"> <li>1. Introduction to marketing</li> <li>2. Marketing Environment</li> <li>3. Marketing segmentation, targeting and positioning.</li> <li>4. Consumer Behavior</li> <li>5. Fundamentals of Marketing Mix</li> </ol>

<b>SUBJECT</b>	<b>COMMERCE STREAM</b>
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<b>ENGLISH</b>	<p>.Reading- Comprehension passages, Note making, Summary writing</p> <p>Writing- Short writing(advertisements, classifieds, poster, notice writing)</p> <p>Long writing(Business letters, job application letter)</p> <p>Article writing, Speech writing</p> <p>Literature- All chapters from Snapshots and Hornbill and Long Reading Text</p> <p>Grammar- Integrated Grammar (gap filling, tenses, Sentence Re ordering, editing, omission)</p>
<b>ACCOUNTANCY</b>	<ol style="list-style-type: none"> <li>1. Introduction to Accounting</li> <li>2. Basic Accounting Terms</li> </ol>

	<ol style="list-style-type: none"> <li>3. Theory Base of Accounting</li> <li>4. Accounting Equation</li> <li>5. Recording of Transactions: Books of Original Entry- Journal</li> <li>6. Special Purpose books: Cash Book</li> <li>7. Special Purpose books: Purchases book, Sales book, Journal Proper</li> <li>8. Ledger</li> <li>9. Bank Reconciliation Statement</li> <li>10. Depreciation, Provisions and Reserves</li> <li>11. Accounting for Bills of Exchange</li> <li>12. Trial balance and Rectification of Errors</li> <li>13. Financial Statements of Sole Proprietorship</li> <li>14. Adjustments in preparation of Financial Statements</li> <li>15. Accounting from Incomplete Records</li> <li>16. Accounting for Not-for-Profit Organisations</li> </ol>
<b>BUSINESS STUDIES</b>	<ol style="list-style-type: none"> <li>1. Nature and purpose of business</li> <li>2. Forms of business organisation</li> <li>3. Private, public and global enterprises</li> <li>4. Business services</li> <li>5. Emerging modes of business</li> <li>6. Social responsibility of business</li> <li>7. Formation of a company</li> <li>8. Sources of business finance</li> <li>9. Small business</li> <li>10. Internal trade</li> <li>11. International trade</li> </ol>
<b>ECONOMICS</b>	<p><b><i>Introductory Microeconomics</i></b></p> <p>Unit-1: Introduction</p> <p>Unit-2 Consumer's equilibrium and Demand</p> <p>Unit-3: Producer's Behaviour and supply.</p> <p>Unit-4: Forms of market and Price determination under Perfect Competition</p> <p><b><i>Statistics for Economics</i></b></p> <p>Unit-2: Collection, Organisation and Presentation of data( only graphs)</p> <p>Unit-3: Measures of Central tendency, Measures of Dispersion, Correlation, Index number</p>
<b>PSYCHOLOGY</b>	<ol style="list-style-type: none"> <li>1. What is psychology?</li> </ol>

	<ol style="list-style-type: none"> <li>2. Methods of enquiry in psychology</li> <li>3. The bases of human behaviour</li> <li>4. Human development</li> <li>5. Sensory, attentional and perceptual processes</li> <li>6. Learning</li> <li>7. Human memory</li> <li>8. Thinking</li> <li>9. Motivation and emotion</li> </ol>
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