

**TEST ROUTINE FOR CLASSROOM STUDENTS FOR 2010-11**

<b>TEST</b>	<b>DATE</b>	<b>TIME</b>	<b>SUBJECT</b>	<b>SYLLABUS</b>
<b>1</b>	<b>29<sup>th</sup> Aug 10</b>	<b>11AM to 3PM</b>	<b>MATH</b> FOR CLASS XI & XII	1. Complex number 2. Quadratic Equation 3. Logarithm 4. Sequence & Series: AP,GP,HP
			<b>PHYSICS</b> FOR CLASS XI & XII	1. Unit, Dimension & Measurement 2. Vector 3. Motion in one dimension 4. Motion in two and three dimension
			<b>CHEMISTRY</b> FOR CLASS XI & XII	1. Atom, Molecules & Chemical Arithmetic 2. Atomic structure 3. Radio activity 4. Chemical Bonding
			<b>BIOLOGY</b> FOR CLASS XI & XII	1. Botany-An Introduction 2. Biological Classification & Plant diversity 3. Cytology-Cell structure & Functions 4. Cytology-Cell Reproduction or Cell division 5. Cytology-Tools, technique, & Biological Study
<b>2</b>	<b>4<sup>th</sup> Sep 10</b>	<b>5PM TO 9PM</b>	<b>MATH</b> FOR CLASS XII	1. Function & Graph 2. Limit, Continuity & Differentiability 3. Differentiation 4. Application of differentiation
			<b>PHYSICS</b> FOR CLASS XII	1. Electrostatic 2. Capacitance
			<b>CHEMISTRY</b> FOR CLASS XII	1. Nitrogen family 2. Oxygen Family 3. Halogen 4. Noble Gases 5. Co-ordination compound & Oregano metallic 6. Transition Metal 7. Analytical Chemistry
			<b>BIOLOGY</b> FOR CLASS XII	1. Bacteria 2. Virus, mycoplasma and lichen 3. Algae 4. Fungi 5. Bryophyte 6. Pteridophyte 7. Gymnosperems
<b>3</b>	<b>31<sup>st</sup> Oct 10</b>	<b>11AM to 3PM</b>	<b>MATH</b> FOR CLASS XI & XII	1. Mathematical Induction 2. Permutation & Combination 3. Binomial Theorem
			<b>PHYSICS</b> FOR CLASS XI & XII	1. Motion in two and three dimension: Continued 2. Laws of Motion 3. Work, Power & Energy

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			<b>CHEMISTRY</b> FOR CLASS XI & XII	1. Solid state 2. Gaseous State 3. Solution 4. Volumetric analysis 5. Redox Reaction
			<b>BIOLOGY</b> FOR CLASS XI & XII	1. Genetics- Mendel's Law of Inheritance 2. Genetics- Linkage & Crossing over 3. Genetics- Interaction of genes 4. Genetics- Mutation 5. Genetics- Genetics material structure & Replication 6. Genetics- Genetics code transcription & translation 7. Genetics- Gene Expression
4	4 <sup>th</sup> Nov 10	5PM TO 9PM	<b>MATH</b> FOR CLASS XII	1. Determinants 2. Matrices 3. Trigonometric Ratio 4. Trigonometric identities
			<b>PHYSICS</b> FOR CLASS XII	1. Current Electricity 2. Thermal & Chemical Effect of current
			<b>CHEMISTRY</b> FOR CLASS XII	1. Purification of Organic Compound & Qualitative analysis 2. Classification & Nomenclature of Organic Compound 3. Hybridisation & Shape of Orbital 4. General Organic Chemistry
			<b>BIOLOGY</b> FOR CLASS XII	1. Mineral nutrition & Absorption 2. Special Mode of Nutrition & Nitrogen metabolism 3. Translocation of Solutes 4. Photosynthesis 5. Respiration 6. Growth & Growth Hormones and plant movement 7. Ecology and Ecological factors 8. Ecological plant group 9. Species and population
5	8 <sup>th</sup> Nov 10	11AM to 3PM	<b>MATH</b> FOR CLASS XI & XII	4. Exponential Series 5. Logarithm Series 6. Sets, Relation & Function
			<b>PHYSICS</b> FOR CLASS XI & XII	1. Rotational Motion 2. Gravitation 3. Properties of Matter
			<b>CHEMISTRY</b> FOR CLASS XI & XII	1. Chemical Equilibrium 2. Ionic Equilibrium 3. Chemical Kinetics

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			<b>BIOLOGY</b> FOR CLASS XI & XII	<ol style="list-style-type: none"> <li>1. Nature and scope of Biology</li> <li>2. Understanding life</li> <li>3. Origin and evolution of life</li> <li>4. Biological classification (Systematic)</li> <li>5. Animal kingdom</li> <li>6. Micro &amp; Macro molecules</li> <li>7. Animal genetics</li> </ol>
6	13 <sup>th</sup> Nov 10	5PM TO 9PM	<b>MATH</b> FOR CLASS XII	<ol style="list-style-type: none"> <li>1. Indefinite Integration</li> <li>2. Definite Integration</li> <li>3. Application of Integration</li> <li>4. Differential Equation</li> </ol>
			<b>PHYSICS</b> FOR CLASS XII	<ol style="list-style-type: none"> <li>1. Magnetic effect of Current</li> <li>2. Magnetism</li> </ol>
			<b>CHEMISTRY</b> FOR CLASS XII	<ol style="list-style-type: none"> <li>5. Isomerism</li> <li>6. Aliphatic Compound</li> <li>7. Halogen derivative</li> </ol>
			<b>BIOLOGY</b> FOR CLASS XII	<ol style="list-style-type: none"> <li>1. The Ecosystem</li> <li>2. Biosphere</li> <li>3. Environmental Population</li> <li>4. Natural Recourses</li> <li>5. Pesticide, Pest Control &amp; Bio fertilizers</li> <li>6. Application of Biology-Domestication of plants &amp; crop improvement</li> <li>7. Genetics conservation &amp; New crop</li> <li>8. Application of Biology- Bioenergy</li> <li>9. Application of Biology- Biotechnology &amp; plant tissue culture</li> </ol>
7	30 <sup>th</sup> Jan 11	11AM to 3PM	<b>MATH</b> FOR CLASS XI & XII	<ol style="list-style-type: none"> <li>1. Inverse Trigonometric Function</li> <li>2. Trigonometric equation</li> <li>3. Properties of Triangle</li> </ol>
			<b>PHYSICS</b> FOR CLASS XII	<ol style="list-style-type: none"> <li>1. Electromagnetic Induction</li> <li>2. Alternative Current</li> </ol>
			<b>CHEMISTRY</b> FOR CLASS XI & XII	<ol style="list-style-type: none"> <li>1. Surface Chemistry</li> <li>2. Chemical Energetic</li> <li>3. Electro chemistry</li> </ol>
			<b>BIOLOGY</b> FOR CLASS XI & XII	<ol style="list-style-type: none"> <li>1. Morphology of animal</li> <li>2. Animal tissue</li> <li>3. Animal nutrition</li> <li>4. Respiratory Gas exchange</li> </ol>
8	5 <sup>th</sup> Feb 11	5PM TO 9PM	<b>MATH</b> FOR CLASS XI & XII	<ol style="list-style-type: none"> <li>1. Point &amp; Straight Line</li> <li>2. Circle</li> <li>3. Conic section</li> </ol>
			<b>PHYSICS</b> FOR CLASS XII	<ol style="list-style-type: none"> <li>1. Ray Optics</li> <li>2. Wave Optics</li> </ol>
			<b>CHEMISTRY</b> FOR CLASS XII	<ol style="list-style-type: none"> <li>1. Alcohols, Phenols, Ether</li> <li>2. Aldehyde &amp; Ketone</li> <li>3. Organic acids &amp; their derivatives</li> <li>4. Compound containing Nitrogen</li> </ol>

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			<b>BIOLOGY</b> FOR CLASS XI & XII	<ol style="list-style-type: none"> <li>1. Circulation of body fluid</li> <li>2. Excretion and Osmo regulation</li> <li>3. Movement and Locomotion</li> <li>4. Nervous Coordination</li> </ol>
<b>9</b>	<b>13<sup>th</sup></b> <b>Feb 11</b>	<b>11AM</b> <b>to</b> <b>3PM</b>	<b>MATH</b> FOR CLASS XI & XII	<ol style="list-style-type: none"> <li>1. Parabola</li> <li>2. Ellipse</li> <li>3. Hyperbola</li> </ol>
			<b>PHYSICS</b> FOR CLASS XI & XII	<ol style="list-style-type: none"> <li>1. Oscillation</li> <li>2. Wave</li> <li>3. Heat</li> <li>4. Thermodynamics</li> </ol>
			<b>CHEMISTRY</b> FOR CLASS XI & XII	<ol style="list-style-type: none"> <li>1. Chemical Family-Periodic Properties</li> <li>2. Hydrogen &amp; its compound</li> <li>3. Metal &amp; Metallurgy</li> <li>4. Alkali Metal</li> <li>5. Alkaline Earth Metal</li> <li>6. Boron Family</li> <li>7. Carbon Family</li> </ol>
			<b>BIOLOGY</b> FOR CLASS XI & XII	<ol style="list-style-type: none"> <li>1. Morphology of flower plants/root/stem &amp; leaf</li> <li>2. The flower &amp; florescence</li> <li>3. Taxonomy &amp; ECO importance of angiosperms</li> <li>4. Dispersal of seed and fruits</li> <li>5. Histology and anatomy</li> <li>6. Secondary Growth in Dicot Stem &amp; Root</li> <li>7. Reproduction in flowering plants</li> </ol>
<b>10</b>	<b>16<sup>th</sup></b> <b>Feb 11</b>	<b>11AM</b> <b>to</b> <b>3PM</b>	<b>MATH</b> FOR CLASS XII	<ol style="list-style-type: none"> <li>1. Vector</li> <li>2. Probability</li> <li>3. Static</li> <li>4. Dynamics</li> </ol>
			<b>PHYSICS</b> FOR CLASS XII	<ol style="list-style-type: none"> <li>1. Atom, Molecule, Nuclei, Electron &amp; Photon</li> <li>2. Solid State</li> <li>3. Semiconductor Device</li> </ol>
			<b>CHEMISTRY</b> FOR CLASS XII	<ol style="list-style-type: none"> <li>1. Polymers or Micro molecules</li> <li>2. Bio-molecules &amp; Biological Processes</li> <li>3. Chemistry in Action</li> <li>4. Pollution</li> </ol>
			<b>BIOLOGY</b> FOR CLASS XII	<ol style="list-style-type: none"> <li>1. Hormonal Coordination</li> <li>2. Reproduction and Embryonic Development</li> <li>3. Growth, Regeneration and Ageing</li> <li>4. Biodiversity and Wildlife</li> <li>5. Human population</li> <li>6. Domestication and Improvement of animals</li> <li>7. Communicable and non-communicable Diseases</li> <li>8. Biomedical Engineering/Technology</li> </ol>