

**PACE JUNIOR SCIENCE COLLEGE**  
**Examination Schedule for Standard XI (2017-19 Batches)**

Subject	Physics	Chemistry	Mathematics	English	Electrical Maintenance - I	Electrical Maintenance - II	Computer Science - I	Computer Science - II	Information Technology	Hindi	Psychology	Biology	Physical Education
<b>Final Examination - (April) - (Weightage : 37.5 % in Final Examination Result)</b>													
Date of Exam	02.04.2018	03.04.2018	04.04.2018	05.04.2018	06.04.2018	07.04.2018	06.04.2018	07.04.2018	06.04.2018	06.04.2018	07.04.2018	09.04.2018	02.04.2018
Exam Timing	09.00 to 12.00 noon	09.00 to 12.00 noon	09.00 to 12.00 noon	09.00 to 12.00 noon	09.00 to 11.30 am	09.00 to 11.30 am	09.00 to 12.00 noon	09.00 to 12.00 noon	09.00 to 11.30 am	09.00 to 12.00 noon	09.00 to 12.00 noon	09.00 to 12.00 noon	12.15 to 01.15 pm
Syllabus	<ol style="list-style-type: none"> <li>Ray Optics.</li> <li>Friction in solids and liquids.</li> <li>Measurements.</li> <li>Force.</li> <li>Scalars &amp; Vectors.</li> <li>Projectile Motion.</li> <li>Electrostatics.</li> <li>Thermal Expansion.</li> </ol>	<ol style="list-style-type: none"> <li>Basic principles &amp; techniques in Organic Chemistry.</li> <li>Some basic concepts of Chemistry.</li> <li>States of matter.</li> <li>Structure of Atom.</li> <li>Periodic Table.</li> <li>Nature of Chemical bond.</li> <li>Chemical equilibrium.</li> <li>Redox reactions.</li> <li>Hydrogen.</li> <li>Environmental Chemistry.</li> </ol>	<ol style="list-style-type: none"> <li>Logarithms.</li> <li>Angle &amp; its measurements.</li> <li>Sequence &amp; Series.</li> <li>Trigonometric Functions.</li> <li>Trigonometric functions of compound angles.</li> <li>Permutations &amp; Combinations.</li> <li>Set, Relations &amp; Functions.</li> <li>Method of Induction &amp; Binomial Theorem.</li> <li>Factorization Formulae.</li> <li>Straight Line.</li> <li>Vectors.</li> <li>Linear Inequalities.</li> <li>Limits.</li> <li>Statistics.</li> </ol>	<ol style="list-style-type: none"> <li>Poetic Device</li> <li>Unit 3, 5, 6, 7</li> <li>Note Making</li> <li>Summary Writing</li> <li>Writing Skills 0.6 (A), (B), (C) 0.7 (A), (B)</li> <li>Rapid Reading 1,3,4</li> </ol>	<ol style="list-style-type: none"> <li>Types of wires &amp; Wiring accessories</li> <li>Wiring system and wiring diagrams</li> <li>Measuring Instruments</li> </ol>	<ol style="list-style-type: none"> <li>DC Motors</li> <li>Single Phase and 3 Phase Motors.</li> <li>Starters ( D.O.L Starter )</li> <li>Polyphase circuits.</li> </ol>	<ol style="list-style-type: none"> <li>Number System</li> <li>Introduction to C++ ( Full )</li> <li>Visual Basic</li> <li>Networking &amp; Internet</li> </ol>	<ol style="list-style-type: none"> <li>Logic Gates and Sequential Circuits ( Full )</li> <li>Functional Hardware Part of PC</li> <li>Peripheral Devices</li> </ol>	<ol style="list-style-type: none"> <li>Introduction to Information Technology</li> <li>HTML</li> <li>Introduction to Javascript</li> <li>Introduction to Networking</li> <li>Multimedia</li> <li>Vibnet</li> <li>Office Suite</li> </ol>	<ol style="list-style-type: none"> <li>1. अक्षर - विभाग 1, 2, 3, 4, 5, 6, 7, 8, 9, 10</li> <li>2. पद - विभाग 1, 2, 3, 5, 6, 7, 8, 9</li> <li>3. वाक्य - विभाग 1, 2, 3, 4, 5, 6.</li> <li>4. व्याकरण विभक्ति, मूलदर्त, संज्ञकवाक्य</li> <li>5. शब्द</li> <li>6. पर - शब्द</li> <li>7. विशिष्ट</li> <li>8. व्याकरण</li> </ol>	<ol style="list-style-type: none"> <li>Methods of Psychological Inquiry</li> <li>Attention &amp; Perception</li> <li>Foundation of Human Behaviour</li> <li>Learning</li> <li>Human Memory</li> <li>Motivation &amp; Emotion</li> </ol>	<ol style="list-style-type: none"> <li>Kingdom plantae</li> <li>Biochemistry of cell</li> <li>Cell Division</li> <li>Morphology of Flowering Plant (Till Page No: 65)</li> <li>Plant Water Relations (Till Page No: 80)</li> <li>Plant Growth &amp; Development</li> <li>Organization Of Cell</li> <li>Animal Tissues</li> <li>Study of Animal Type</li> <li>Human nutrition</li> <li>Human Respiration</li> <li>Human Skeleton &amp; Locomotion (Till Pivot Joint)</li> </ol>	<ol style="list-style-type: none"> <li>Yoga</li> <li>Sports &amp; Games</li> </ol>