

ST. PAUL'S SR. SEC. SCHOOL RAJSAMAND

SYLLABUS FOR THE YEAR 2019-20 Class : XII (Science)

SUBJECT	QUARTERLY EXAMINATION	HALF-YEARLY EXAMINATION	PRE-BOARD EXAMINATION
ENGLISH	Prose/Flamingo : Lessons 1, 2, 3, 4 Poem/Flamingo : Poem 1, 2, 3 Vistas : Lessons 1, 2, 3, 4, 5 Reading : Unseen passage Writing : Notice/ Letter, Report / Article	Prose/Flamingo : Lesson 1, 2, 3, 4, 5, 6, 7 Poem/Flamingo : Poem 1, 2, 3, 4 Vistas : Lessons 1, 2, 3, 4, 5 Reading : Unseen Passage, Note Making, Summary Writing Writing : Quarterly Course and Advertisements, Invitation, Posters etc.	Full Course as per CBSE Syllabus
SUBJECT	QUARTERLY EXAMINATION	HALF-YEARLY EXAMINATION	PRE-BOARD EXAMINATION
PHYSICS	Chapter 1, 2, 3, 4+ Practicals (as per NCERT Chapter Numbers)	Chapter 5, 6, 7, 8, 9, 10, 11, 12, 13 + Quarterly Syllabus (as per NCERT Chapter Numbers)	Full Course as per CBSE Syllabus
SUBJECT	QUARTERLY EXAMINATION	HALF-YEARLY EXAMINATION	PRE-BOARD EXAMINATION
CHEMISTRY	Chapter 1 – Solution, Chapter 2 – Electrochemistry, Chapter 9 – Haloalkanes & Haloarenes, Chapter 10 – Alcohols Phenols, ethers , Chapter 11 – Aldehyde, Ketones & Carboxylic acids (As per New Syllabus)	Quarterly Syllabus + Chapter 3 – Chemical Kinetics, Chapter 4 – Surface Chemistry, Chapter 5 – Isolation of elements, Chapter 6 – P Block Elements Chapter 7 - d & f block elements, Chapter 8 – Coordination Compounds, Chapter 12 – Organic Compound Containing Nitrogen	Full Course as per CBSE Syllabus
SUBJECT	QUARTERLY EXAMINATION	HALF-YEARLY EXAMINATION	PRE-BOARD EXAMINATION
BIOLOGY	Chapter 1 to 7 Chapter 1 : Reproduction in Organisms Chapter 2 : Sexual Reproduction in flowering Pts. Chapter 3 : Human Reproduction Chapter 4 : Reproductive Health Chapter 5 : Principles of Inheritance & Variation Chapter 6 : Molecular Basis of Inheritance Chapter 7 : Evolution	Chapter 1 to 13 Chapter 8 : Human Health and Disease Chapter 9 : Strategies for enhancement in food production Chapter 10 : Microbes in human welfare Chapter 11 : Biotechnology Chapter 12 : Biotechnology and its applications Chapter 13 :	Full Course Chapter 1 to 16 Supplementary Material (NCERT Book)
SUBJECT	QUARTERLY EXAMINATION	HALF-YEARLY EXAMINATION	PRE-BOARD EXAMINATION
PHYSICAL EDUCATION	Unit 2 to Unit 5	Unit 1 to Unit 8 + Practical Exams	Unit 1 to Unit – 12 + Practical Exams

SYLLABUS FOR THE YEAR 2019-20

Class : XII (Science)

SUBJECT	QUARTERLY EXAMINATION	HALF-YEARLY EXAMINATION	PRE-BOARD EXAMINATION
COMPUTER SCIENCE [OLD] Programming with C++ Books 1. Programming with C++ - Vol.1 2. Programming with C++ - Vol. 2 by Sumita Arora Dhanpat Rai & Co.	Chapter 1 : C++ Revision Tour Chapter 2 : Object Oriented Programming Chapter 3 : Function Overloading Chapter 4 : Class & Objects Chapter 5 : Constructor and Destructors Chapter 6 : Inheritance Extending Classes Chapter 11 : Database Concepts Chapter 12 : Structured Query Language	Chapter 7 : Data File Handling Chapter 8 : Pointers Chapter 9 : Arrays Rev : Quarterly Course	Chapter 10 : Linked List, Stacks and Queues Chapter 13 : Boolean Algebra Chapter 14 : Communication Technologies Rev. : Full Course as per latest CBSE Syllabus

MATHEMATICS

Periodic Test I Pre-Mid Term Time Duration 2 Hours M.M. : 30	Periodic Test II Mid Term Time Duration 2 Hours M.M. : 30	Periodic Test III Post Mid Term Time Duration 2 Hours M.M. : 30	Remarks	Maths Activity	Final Exam / Board Exam Time Duration 3 Hours M.M. : 80																				
Chapter 2. Inverse Trigonometry Function Chapter 3. Matrices Chapter 4. Determinants Chapter 5. Differentiability & Continuity Chapter 6. Application of Derivatives Chapter 10. Vector Algebra Chapter 12. Linear Programming Problems + 5 Practicals	Chapter 7. Integration Chapter 8. Application of Integration Chapter 9. Differential Equation + Quarterly Course + 5 Practicals + PT 1 Syllabus	Full Course	The Best two performance will be taken and converted into 10 marks	Throughout the Academic Session any 10 activities shall be performed by a student out of 10 1 will be given in an year end test on the activity	33% internal choices will be given Full Course																				
				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Record Keeping</td> <td style="width: 10%;">5 Marks</td> <td style="width: 30%;">Objective / VSA (1× 20)</td> <td style="width: 30%;">20 marks</td> </tr> <tr> <td>Year End Test</td> <td>3 Marks</td> <td>SA Type I (2 × 6)</td> <td>12 marks</td> </tr> <tr> <td>Viva Voce</td> <td>2 Marks</td> <td>SA Type II (4 × 6)</td> <td>24 marks</td> </tr> <tr> <td>Total</td> <td>10 marks</td> <td>Long Answers (6 × 4)</td> <td>24 marks</td> </tr> <tr> <td></td> <td></td> <td>Total</td> <td>80 marks</td> </tr> </table>	Record Keeping	5 Marks	Objective / VSA (1× 20)	20 marks	Year End Test	3 Marks	SA Type I (2 × 6)	12 marks	Viva Voce	2 Marks	SA Type II (4 × 6)	24 marks	Total	10 marks	Long Answers (6 × 4)	24 marks			Total	80 marks	
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