



**INDIAN SCHOOL AL WADI AL KABIR - SYLLABUS BREAK UP FOR NOVEMBER 2019-20**  
**CLASS XII – SCIENCE**

<b>SUBJECT</b>	<b>WEEK 1</b>	<b>WEEK 2</b>	<b>WEEK 3</b>	<b>WEEK 4</b>	<b>WEEK 5</b>
<b>ENGLISH</b>	REVISION – AUNT JENIFER’S TIGERS  THE ROADSIDE STAND	ASL- PRACTICE  REVISION	<b>REVISION</b>  REHEARSAL EXAM 1 BEGINS	REHEARSAL EXAM 1 BEGINS	REVISION – AUNT JENIFER’S TIGERS  THE ROADSIDE STAND
<b>PHYSICS</b>	sky and space wave propagation. Need for modulation.	Production and detection of an amplitude- modulated wave	<b>REVISION</b>	REHEARSAL EXAM 1 BEGINS	
<b>PHYSICS (PRACTICALS)</b>	[13]ZENER DIODE [14]GALVANOMETER[15] LENS COMBINATION				

<p style="text-align: center;"><b>CHEMISTRY</b></p>	<p>Principles and methods of extraction - concentration, oxidation, reduction electrolytic method and refining;</p> <p style="text-align: center;"><b><u>CHAPTER 9</u></b> <b><u>Coordination</u></b> <b><u>Compounds</u></b></p> <p>Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds.</p>	<p>Bonding, Werner's theory, VBT, and CFT; structure and stereoisomerism, importance of coordination compounds</p>	<p style="text-align: center;"><b>REVISION</b></p>	<p style="text-align: center;">REHEARSAL EXAM 1 BEGINS</p>	
<p style="text-align: center;"><b>CHEMISTRY (PRACTICALS)</b></p>	<p style="text-align: center;">EXPT: 13, 14, 15 &amp; 16: SALT NO. 5, 6, 7 &amp; 8</p>				
<p style="text-align: center;"><b>MATHEMATICS</b></p>	<p>Probability</p>	<p style="text-align: center;">Linear Programming</p>	<p style="text-align: center;">Linear Programming + Revision</p>	<p style="text-align: center;">REHEARSAL EXAM 1 BEGINS</p>	

<b>MATHEMATICS (PRACTICALS)</b>	Three Dimensional Geometry Act 22 (3D – Distance formula) Probability Act 27 (Conditional probability)				
<b>BIOLOGY</b>		Biology in human welfare - microbes	Biology in human welfare - microbes	Revision	REHEARSAL EXAM 1 BEGINS
<b>BIOLOGY (PRACTICALS)</b>	<ul style="list-style-type: none"> <li>Salivary amylase</li> </ul>				
<b>INFORMATICS</b>	Impact of ICT – eGovernance – eLearning – eBusiness	Revision	Revision	REHEARSAL EXAM 1 BEGINS	
<b>INFORMATICS (PRACTICALS)</b>	Revision on java programming and SQL for practical exam Revision on JDBC				

<p align="center"><b>COMPUTER SCIENCE</b></p>	<p>Networking – Communication Terminology – Transmission media – Devices – Topologies – Protocols – Security concepts – Web services</p>	<p>Revision</p>	<p>Revision</p>	<p>REHEARSAL EXAM 1 BEGINS</p>	
<p align="center"><b>COMPUTER SCIENCE (PRACTICAL)</b></p>	<p>Revision on data files, implementation of static and dynamic stack and queue for board practical exam</p>				
<p align="center"><b>WORK EXPERIENCE</b></p>	<p>Exercise on conditional formula .</p>	<p>Practical exam</p>			
<p align="center"><b>ENGINEERING GRAPHICS</b></p> <p><b>LAB TOPICS</b></p>	<p>Solid Cast Pulley</p> <p>Disassembling:</p>	<p>Detailed study of all assembling and disassembling from unit 3 to unit 7.</p>	<p><b>Completion of syllabus both theory &amp; practicals.</b></p> <p>Revision classes</p>	<p>Rehersal 1 exam starts on 24.11.19</p>	<p>Weekend</p>

	Submission of journal and collabcad project				
<b>GENERAL STUDIES</b>	Project file Topics based on (Human Rights) *Civil & Political rights *Gender Equality *Economic, social and cultural rights.				
<b>PE</b>	Psychology & Sports <ul style="list-style-type: none"> <li>• Understanding Stress &amp; Coping Strategies (Problem Focused &amp; Emotional Focused)</li> <li>• Personality; its definition &amp; types – Trait &amp; Types (Sheldon &amp; Jung Classification) &amp; Big Five Theory      <b>Group study</b></li> </ul> Revision <ul style="list-style-type: none"> <li>• Motivation, its type &amp; techniques</li> </ul> class test <ul style="list-style-type: none"> <li>• Exercise Adherence; Reasons to Exercise, Benefits of Exercise Strategies for Practical - Enhancing Adherence to Exercise</li> </ul> specific games - choice of students				

	<ul style="list-style-type: none"><li>• Meaning, Concept &amp; Types of Aggressions in Sports</li></ul> fitness test Aahper test
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HOD'S/ COORDINATORS

VICE PRINCIPAL

PRINCIPAL