



INDIAN SCHOOL AL WADI AL KABIR

Class: XII

Details for the Rehearsal Examination 2022-2023

Day & Date of Examination	Subjects	Syllabus that can be tested	Details of the Uploaded Work sheets of the syllabus	Details of the Uploaded answer to the worksheets uploaded	Details of the notes of the lessons completed and uploaded	Details of the textbook materials uploaded
27/11/2022 Sunday	ENGLISH	Reading Comprehension 2. Notice: Formal/Informal Invitation and Reply up to 50 words. Letters - application for a job with bio data or resume and Letters to the editor (giving suggestions or opinion on issues of public interest) . Article/ Report Writing LITERATURE. Flamingo: Prose The Last Lesson Lost Spring Deep Water The Rattrap				

		Indigo Poets and Pancakes The Interview Going Places <u>(Poetry)</u> My Mother at Sixty-Six Keeping Quiet A Thing of Beauty Aunt Jennifer's Tigers Vistas: The Third Level The Tiger King Journey to the end of the Earth The Enemy On the Face of It Memories of Childhood				
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		The Cutting of My Long Hair We Too are Human Beings				
30/11/2022 Wednesday	ACCOUNTANCY	PART A: Fundamentals of Partnership Valuation of Goodwill Change in profit sharing ratio Admission of a partner Retirement of a partner Death of a partner Issue of shares PART B: Financial Statements of a Company Analysis of Financial statements Ratio Analysis	Uploaded on website & mcb	Discussed in class	Discussed in class	Uploaded on school website

<p>30/11/2022 Wednesday</p>	<p>PHYSICS</p>	<ol style="list-style-type: none"> 1. Electric charges and fields. 2. Electric potential and capacitance. 3. Current electricity 4. Moving charges and magnetism. 5. Magnetism and matter 6. Electromagnetic induction 7. Alternating current 8. Electromagnetic waves 9. Ray optics 10. Wave optics 	<p>https://iswkoman.com/site/view-worksheet.php?class=c2NPVUJ2W9NemVTVU5mWG5GOUVBZz09&year=SVYzRzNpOG9CT1VBZUJJV1ZHQUVyd09&subject=VTkyOWwzeGpndXpxeWZxMGtPRTFIUT09</p>	<p>https://iswkoman.com/site/view-worksheet.php?class=c2NPVUJ2WW9NemVTVU5mWG5GOUVBZz09&year=SVYzRzNpOG9CT1VBZUJJV1ZHQUVyd09&subject=VTkyOWwzeGpndXpxeWZxMGtPRTFIUT09</p>	<p>uploaded on the Google classroom</p>	<p>https://drive.google.com/file/d/1NGrbZjqB3AChr6wDeXJLpbuiPmFKLo1/view?pli=1</p>
<p>03/12/2022 Saturday</p>	<p>INFORMATICS PRACTICES</p>	<p>Data Handling using Pandas - I - Introduction - Data Structures - Series - Data Frames - Importing / Exporting Data between CSV files and Data Frames.</p> <p>Data Visualization - Purpose of plotting - line plot, bar graph and histogram - Customizing plots.</p> <p>Database Query using SQL - Math Functions - Text Functions - Date</p>				

		<p>Functions - Aggregate Functions - Group By, Having and Order By.</p> <p>Introduction to Computer Networks - Types of Networks - Network Devices - Network Topologies - Introduction to Internet - Website - Web Browsers.</p> <p>Societal Impacts: Digital footprint - Net and communication etiquettes - Data protection - IPR - plagiarism - FOSS - Cybercrime and cyber laws - hacking, phishing, cyber bullying - IT Act.</p> <p>E-waste - Health concerns.</p>				
	COMPUTER SCIENCE	<p>Unit I: Computational Thinking and Programming – 2</p> <p>Revision of Python topics covered in Class XI.</p> <p>Functions: types of function-creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)</p> <p>Introduction to files, types of files (Text file, Binary file, CSV file)</p>	Worksheets are uploaded in MCB, School website and in google classroom	Worksheets are discussed and solved in class	Notes dictated in class	uploaded in google class room

		<p>Text file: opening a text file, text file open modes-write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file</p> <p>Binary file: basic operations on a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file</p> <p>CSV file: import csv module, open / close csv file</p> <p>Data Structure: Stack, operations</p> <p>Unit II: Computer Networks:</p> <p>Evolution of networking-Data communication terminologies-Transmission media-Network devices-Network topologies and Network types-Network protocol-Introduction to web services:</p>				
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		<p>Unit III: Database Management</p> <p>Database concepts - Relational data model-Structured Query Language</p> <p>Interface of python with an SQL database</p>				
	<p>ENGINEERING GRAPHICS</p>	<p>UNIT 1 - ISOMETRIC PROJECTION</p> <p>UNIT 2 - MACHINE DRAWING</p> <p>UNIT 3 - BEARINGS</p> <p>UNIT 4 - ROD JOINTS</p> <p>UNIT 5 - TIE ROD & PIPE JOINTS</p>	<p>https://iswkoman.com/site/view-worksheet.php?class=c2NPVUJ2WJ2WW9NemW9NemVTVU5mWG5GOUVBZz09&year=SVYzRzNpOG9CT1VBZUJJV1ZHQUVyd09&subject=SGFFOWV4RFRKTXJUcERoSihMY3JsUT09</p>	<p>https://iswkoman.com/site/view-worksheet.php?class=c2NPVUJ2WW9NemVTVU5mWG5GOUVBZz09&year=SVYzRzNpOG9CT1VBZUJJV1ZHQUVyd09&subject=SGFFOWV4RFRKTXJUcERoSihMY3JsUT09</p>	<p>uploaded on the Google classroom</p>	<p>https://drive.google.com/file/d/1NGrbZjgB3AChr6wDeXJLpbuiPmtFKLo1/view?pli=1</p>

	MARKETING	Product Price decision Place & distribution Promotion Emerging Trends in Marketing Self-management skills ICT Skills Entrepreneurship Skills Green Skills	Uploaded on website & mcb	Discussed in class	Discussed in class	Uploaded on school website
05/12/2022 Monday	ECONOMICS	MACRO ECONOMICS: National Income and Related aggregates Money and Banking Determination of Income and Employment Government budget and the economy Open Economy INDIAN ECONOMIC DEVELOPMENT	Uploaded on website & mcb	Discussed in class	Discussed in class	Uploaded on school website

		<p>Economic Reforms since 1991</p> <p>Human Capital Formation in India</p> <p>Rural development</p> <p>Employment- Growth, Informalisation & Other issues</p> <p>Sustainable Economic Development</p> <p>Development Experience of India- A comparison with neighbours</p>				
	BIOLOGY	<p>Unit - VI - Reproduction</p> <ol style="list-style-type: none"> 1. Sexual reproduction in flowering plants 2. Human reproduction 3. Reproductive health <p>Unit - VII - Genetics</p> <ol style="list-style-type: none"> 4. Principles of inheritance and variations 5. Molecular basis of inheritance <p>Unit - VIII - Biology in human welfare</p>	<p>https://iswkoman.com/site/view-worksheet.php?class=c2NPVUJ2W9NemVTVU5mWG5GOUVBZz09&year=SVYzRzNpOG9CT1VBZUJJV1ZHQUVyd09&subject=TIBxV2InelNKZi91V3R4T3JNYkdYQT09</p>	<p>https://iswkoman.com/site/view-worksheet.php?class=c2NPVUJ2WW9NemVTVU5mWG5GOUVBZz09&year=SVYzRzNpOG9CT1VBZUJJV1ZHQUVyd09&subject=TIBxV2InelNKZi91V3R4T3JNYkdYQT09</p>	<p>uploaded on the Google classroom</p>	<p>https://drive.google.com/file/d/1NGrbZjqB3AChr6wDeXJLpbuiPmtFKLo1/view?pli=1</p>

		<p>6. Human health and diseases</p> <p>7. Microbes in human welfare</p> <p>Unit - IX - Biotechnology</p> <p>8. Biotechnology - Principles and processes</p> <p>9. Applications of Biotechnology</p> <p>Unit - X - Ecology</p> <p>10. Organisms and populations</p> <p>11. Ecosystem</p> <p>12. Biodiversity and its conservation</p>				
<p>08/12/2022 Thursday</p>	<p>BUSINESS STUDIES</p>	<p>PART A:</p> <p>Nature & Significance of Management</p> <p>Principles of Management</p> <p>Business Environment</p> <p>Planning</p> <p>Organising</p> <p>Staffing</p>	<p>Uploaded on website & mcb</p>	<p>Discussed in class</p>	<p>Discussed in class</p>	<p>Uploaded on school website</p>

		Directing Controlling PART B: Financial Management Marketing Management				
08/12/2022 Thursday	CHEMISTRY	Unit II: Solutions Unit III: Electrochemistry Unit IV: Chemical Kinetics Unit VIII: d and f Block Elements Unit IX: Coordination Compounds Unit X: Haloalkanes and Haloarenes Unit XI: Alcohols, Phenols and Ethers Unit XIV: Biomolecules	https://iswkoman.com/site/view-worksheet.php?class=c2NPVUJ2W9NemVTVU5mWG5GOUVBZz09&year=SVYzRzNpOG9CT1VBZUJJV1ZHQUVyd09&subject=V0hseExMdlZqUmhCeU82NVcvMzM1dz09	https://iswkoman.com/site/view-worksheet.php?class=c2NPVUJ2WW9NemVTVU5mWG5GOUVBZz09&year=SVYzRzNpOG9CT1VBZUJJV1ZHQUVyd09&subject=V0hseExMdlZqUmhCeU82NVcvMzM1dz09	uploaded on the Google classroom	https://drive.google.com/file/d/1NGrbZjqB3AChr6wDeXJLpbuiPmFKLo1/view?pli=1
11/12/2022 Sunday	ENTREPRENEURSHIP	Entrepreneurial Opportunity Entrepreneurial Planning Enterprise Marketing	Uploaded on website & mcb	Discussed in class	Discussed in class	Uploaded on school website

		Enterprise Growth Strategies Business Arithmetic Resource Mobilisation				
11/12/2022 Sunday	PHYSICAL EDUCATION	Unit I Management of Sporting Events Unit II Children & Women in Sports Unit III Yoga as Preventive measure for Lifestyle Disease Unit IV Physical Education & Sports for CWSN Unit V Sports & Nutrition Unit VI Test & Measurement in Sports Unit VII Physiology & Injuries in Sports Unit VIII Biomechanics & Sports Unit IX Psychology & Sports Unit X Training in Sports	Uploaded on Google classroom and available on the Google Drive	Discussed and solved in class	Uploaded on Google classroom and available on the Google Drive	Uploaded on Google classroom and available on the Google Drive
	MATHEMATICS	1. RELATIONS AND FUNCTIONS 2. INVERSE TRIGONOMETRY 3. MATRICES 4. DETERMINANTS 5. CONTINUITY AND DIFFERENTIABILITY 6. APPLICATION OF DERIVATIVES 7. INTEGRALS 8. APPLICATION OF INTEGRALS 9. DIFFERENTIAL EQUATIONS 10. LINEAR PROGRAMMING	Uploaded on Google classroom and LMS	Uploaded on Google classroom and LMS	Uploaded on Google classroom and LMS	https://www.iswkom.com/site/view-academics.php?id=dXkrTE5saG9qMIBCMjk2UXNSWVgrdz09
	APPLIED MATHEMATICS	1. Numbers, Quantification and Numerical Applications <i>[Modulo Arithmetic, Alligation and Mixture,</i>	Uploaded on Google classroom and LMS	Uploaded on Google classroom and LMS	Uploaded on Google classroom and LMS	

		<p><i>Numerical Problems, Numerical Inequalities]</i></p> <p>2. Matrices and Determinants</p> <p>3. Calculus [<i>Differentiation and its Applications, Integration and its Applications, Differential Equations and Modeling]</i></p> <p>4. Probability Distributions</p> <p>5. Inferential Statistics</p> <p>6. Time-based data</p>				
	PSYCHOLOG Y	<p>Variations in Psychological Attributes</p> <p>Self & Personality</p> <p>Meeting Life Challenges</p> <p>Psychological Disorders</p> <p>Attitude & Social Cognition</p> <p>Social Influences & Group Processes</p>	Available on the Google Drive	Available on the Google drive	Available on Google Drive	Available on Google drive