

# INDIAN SCHOOL AL WADI AL KABIR

## SYLLABUS FOR UNIT TEST-I-CLASS 12

DATE	SUBJECTS
15/5/2018	<p><b>BUSINESS STUDIES/CHEMISTRY</b></p> <p><b>CHEMISTRY</b></p> <p><b>THEORY PORTION</b></p> <ol style="list-style-type: none"><li>1. Haloalkanes and Haloarenes (Chapter 10)</li><li>2. Alcohols, Phenols and Ethers (Chapter 11)</li><li>3. Aldehydes, Ketones and Carboxylic acids (Chapter 12)</li><li>4. Amines (Chapter 13)</li><li>5. Surface Chemistry (Chapter 5)</li></ol> <p>Biomolecules (Chapter 14) – (from 14.1.1 to 14.1.4 only)</p> <p><b>BUSINESS STUDIES</b></p> <p>BUSINESS ENVIRONMENT</p> <p>NATURE AND SIGNIFICANCE OF MANAGEMENT</p> <p>PRINCIPLES OF MANAGEMENT</p> <p>PLANNING</p>
17/5/2018	<p><b>INFORMATICS PRACTICES/COMPUTER SCIENCE</b></p> <p><b>INFORMATICS PRACTICES</b></p> <p>Networking</p> <p>Open Source Concepts</p> <p>Java Net Beans I &amp; II</p> <p>Flow of Control</p> <p>Library Functions</p> <p><b>COMPUTER SCIENCE</b></p> <p>Revision Tour</p> <p>Class &amp; Objects</p> <p>Constructor &amp; Destructor</p> <p>Inheritance</p>
20/5/2018	<p><b>ECONOMICS/BIOLOGY/ENGINEERING DRAWING</b></p> <p><b>BIOLOGY</b></p> <p><b>THEORY PORTION</b></p> <ol style="list-style-type: none"><li>1. Reproduction in organisms</li><li>2. Reproduction in flowering plants</li><li>3. Human reproduction</li></ol> <p>Principles of inheritance and variations</p> <p><b>ENGINEERING DRAWING</b></p> <p><b>THEORY PORTION</b></p> <p><b>Unit I: Isometric Projection of Solids</b></p> <p>(i) Construction of isometric scale showing main divisions of 10mm and smaller divisions of 1mm, also showing the leading angles. Drawing helping view/s such as triangles, pentagon, hexagon, etc., using isometric scale.</p>

	<p>(ii) Isometric projection (drawn to isometric scale) of solids such as cube, regular prism and pyramids (triangular, square, pentagonal and hexagonal), cone, cylinder, sphere, hemi- sphere, frustum of right regular pyramids (triangular, square, pentagonal, hexagonal) and cone, when they are cut by a plane parallel to the base. The axis and the base side of the solid should be either perpendicular to HP / VP or parallel to HP and VP. (Indicate the direction of viewing)</p> <p>(iii) Combination of two solids (except "frustum" of Pyramids and Cone) Keeping the base side parallel or perpendicular to HP/VP and placed centrally together, axis of both the solids should not be given parallel to HP.</p> <p><b>Note:</b> (1) Question on frustum will be asked in vertical position only.  (2) Hidden lines are not required in isometric projection.</p> <p><b>Unit II: Machine Drawing</b></p> <p>A. Drawing of machine parts</p> <p>(i) Drawing to full size scale with instruments.  (Internal choice will be given between any two of the following).  Introduction of threads: Standard profiles of screw threads square, knuckle, B.S.W.,  Metric (external and internal). Bolts (Square, Hexagonal, Tee and Hook);  Nuts: (Square and Hexagonal), Plain washer, combination of nut and bolt with or without washer for assembling two parts together, Single riveted lap joint with standard dimensions.</p> <p><b>ECONOMICS</b>  THEORY OF CONSUMERS BEHAVIOUR  INTRODUCTION TO MICRO ECONOMICS  MONEY &amp; BANKING  NATIONAL INCOME ACCOUNTING( up to income method)</p>
<p><b>22/5/2018</b></p>	<p><b>MATHEMATICS/ENTREPRENEURSHIP</b>  <b>MATHEMATICS</b>  Relations and Functions  Continuity and Differentiability  Indefinite Integrals</p>

	<p><b>ENTREPRENEURSHIP</b>  ENTREPRENEURIAL OPPORTUNITY  ENTREPRENEURIAL PLANNING</p>
24/5/2018	<p><b>ENGLISH</b>  <b>READING-</b> NOTE-MAKING  2. <b>WRITING</b> - NOTICE/ ADVERTISEMENTS  LETTER TO EDITOR  3. <b>LITERATURE-</b></p> <ul style="list-style-type: none"> <li>a. THE LAST LESSON</li> <li>b. LOST SPRING (prose)</li> <li>c. DEEP WATER (prose)</li> <li>d. THE TIGER KING (prose)</li> <li>e. MY MOTHER AT 66 (poetry)</li> <li>f. AN ELEMENTARY SCHOOL CLASSROOM IN A SLUM (poetry)</li> </ul> <p>THE INVISIBLE MAN- CHAPTERS 1-5</p>
27/5/2018	<p><b>PHYSICS/ACCOUNTANCY</b>  <b>PHYSICS</b>  THEORY PORTION</p> <ul style="list-style-type: none"> <li>1. Electric Charges and Fields</li> <li>2. Electrostatic Potential and Capacitance</li> </ul> <p>Current Electricity</p> <p><b>ACCOUNTANCY</b>  FULL PART- B ANALYSIS OF FINANCIAL STATEMENTS  FUNDAMENTALS OF PARTNERSHIP( up to P&amp; L Appropriation A/c including guarantee of profits)</p>