

# INDIAN SCHOOL AL WADI AL KABIR

## SYLLABUS FOR SA1-CLASS 10

DATE	SUBJECTS												
20-09-2016	<p><b>SCIENCE</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Unit I : Chemical Substances – Nature And Behaviour</td> <td style="width: 40%;">Chemical Reactions And Equations, Acids,Bases And Salts, Metals And Non Metals</td> <td style="width: 20%; text-align: center;">33 Marks</td> </tr> <tr> <td>Unit li :World Of Living</td> <td>Life Processes, Control And Coordination</td> <td style="text-align: center;">21 Marks</td> </tr> <tr> <td>Unit lii:Effects Of Current</td> <td>Electricity, Magentic Effects Of Electric Current</td> <td style="text-align: center;">29 Marks</td> </tr> <tr> <td>Unit Iv: Natural Resources</td> <td>Sources Of Energy</td> <td style="text-align: center;">07 Marks</td> </tr> </table> <p><b>SUBJECT – SCIENCE – PRACTICAL - MCQ</b></p> <ol style="list-style-type: none"> <li>1. To find the pH of the following samples by using pH paper             <ol style="list-style-type: none"> <li>a. dilute hydrochloric acid, b. dilute NaOH solution, c. dilute ethanoic acid solution</li> <li>d. lemon juice, e. water, f. dilute sodium bicarbonate solution.</li> </ol> </li> <li>2. To study the properties of acids and bases ( HCl and NaOH) by their reactions with:             <ol style="list-style-type: none"> <li>a. litmus solution (blue and red) , b. zinc metal , c. solid sodium carbonate.</li> </ol> </li> <li>3. To perform and observe the following reactions and classify them into:             <ol style="list-style-type: none"> <li>a. Combination reaction b. decomposition reaction c. displacement reaction</li> <li>d. double displacement reaction.                 <ol style="list-style-type: none"> <li>i. Action of water on quick lime</li> <li>ii. Action of heat on ferrous sulphate crystals</li> <li>iii. Iron nails kept in copper sulphate solution</li> <li>iv. Reaction between sodium sulphate and barium chloride solutions</li> </ol> </li> </ol> </li> <li>4. a. To observe the action of Zn, Fe , Cu and Al metals on the following salt solutions:             <ol style="list-style-type: none"> <li>i. zinc sulphate solution</li> <li>ii. ferrous sulphate solution</li> <li>iii. copper sulphate solution</li> <li>iv. aluminium sulphate solution</li> </ol>             b. Arrange Zn, Fe, Cu and Al metals in the decreasing order of reactivity based on the above result.           </li> <li>5. To study the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plot a graph between V and I.</li> <li>6. To determine the equivalent resistance of two resistors when connected in series.</li> <li>7. To determine the equivalent resistance of two resistors when connected in parallel.</li> </ol>	Unit I : Chemical Substances – Nature And Behaviour	Chemical Reactions And Equations, Acids,Bases And Salts, Metals And Non Metals	33 Marks	Unit li :World Of Living	Life Processes, Control And Coordination	21 Marks	Unit lii:Effects Of Current	Electricity, Magentic Effects Of Electric Current	29 Marks	Unit Iv: Natural Resources	Sources Of Energy	07 Marks
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- 8. To prepare a temporary mount of a leaf peel to show stomata.
- 9. To show experimentally that light is necessary for photosynthesis.
- 10. To show experimentally that carbon dioxide is given out during respiration.

Theory based questions : 1 mark (3) / 2 marks (3) / 3 marks (12) / 5 marks (6) = 75 marks  
 Practical based questions : 1 mark (9) / 2 marks (3)  
 = 15 marks  
 Total marks = 90 marks

22-09-2016

**ENGLISH**

**LITERATURE READER**

**PROSE**

Two Gentlemen of Verona  
 Mrs. Packletide's Tiger  
 The Letter

**POETRY**

The Frog and the Nightingale  
 Mirror  
 Not Marble, nor the Gilded Monuments

**DRAMA.**

The Dear Departed

**Main Course Book**

Health and Medicine  
 Education  
 Science

**Extended Reading Text**

Diary of a Young Girl – 1947 June 12, 1942 to March 14, 1944 By Anne Frank (unabridged edition)

**GRAMMAR :**

Determiners  
 Verb Forms  
 Connectors  
 Tenses

**QUESTION TYPES**

Editing  
 Omission  
 Gap Filling  
 Sentence Re Ordering

**WRITING :**

Letter To The Editor

	Article Writing Story Writing
25-09-2016	<p><b>SOCIAL SCIENCE</b></p> <p><b><u>HISTORY:-</u></b></p> <ol style="list-style-type: none"> <li>1. Work Life And Leisure</li> <li>2. The Print Culture And The Modern World</li> </ol> <p><b><u>Demo. Politics:-</u></b></p> <ol style="list-style-type: none"> <li>1. Power Sharing</li> <li>2. Federalism</li> <li>3. Democracy And Diversity</li> <li>4. Gender Caste And Religion.</li> </ol> <p><b><u>GEOGRAPHY:-</u></b></p> <ol style="list-style-type: none"> <li>1. Resourses Anddevelopment</li> <li>2. Forest And Wild Life Resourses</li> <li>3. Water Resourses</li> <li>4. Agriculture.</li> </ol> <p><b><u>ECONOMICS:-</u></b></p> <ol style="list-style-type: none"> <li>1. Development</li> <li>2. Sectors Of Indian Economy.</li> </ol>
27-09-2016	<p><b>2<sup>ND</sup> LANGUAGE</b></p> <p><b>HINDI</b></p> <p><b>स्पर्शभाग-2</b></p> <p>गद्य-बड़े भाईसाहब, डायरीका एक पन्ना,तताँरावामीरोकथा तीसरीकसम के शिल्पकार पद्य-साखी, मीरा के पद, पर्वतप्रदेशमेंपावस, तोप</p> <p><b>संचयनभाग-2</b></p> <p>हरिहरकाका</p> <p><b>व्याकरणतथारचना-</b></p> <p>शब्द,पद, वाक्य रूपांतरण, समास, मुहावरे, वाक्य शुद्धि, सूचनालेखन औपचारिकपत्र लेखन, अनुच्छेदलेखन, संवादलेखन, विज्ञापनलेखन, अपठितगद्यांश, अपठितपद्यांश</p> <p><b>MALAYALAM</b> Section A – Comprehension (Marks 10)</p> <p>Section B – 1. Short essay, 2. Letter writing (Marks 14)</p> <p>Section C – 1. prayogam 2. Amgavaakyam, amgivaakyam 3. vaakyashuddhi, 4. Sandhi, 5.Samaasam 6. MCQ (paryaayapadam,,naanaartham etc.)(Marks 18)</p>

	<p>Section D – I. Question and answers &amp; MCQ  (Lessons: 1. Arjunavishaadayogam  2. Uthuppaantekinar  3. Kadalintevakkathoruveedu  4. yaathraamozhi 5. Entebhaasha  II. Chattambiswaamikal(2 Questions and answers-  First 7 lessons) (Marks 48)</p>												
29-09-2016	<p><b>MATHEMATICS</b>  1.Real Numbers  2.Polynomials  3.Pair of Linear Equations in Two Variables  4.Triangles  5.Introduction to Trigonometry  6.Statistics</p>												
4-10-2016	<p><b>COMPUTER</b>  <u>Java</u>  CHAPTER1- INTRODUCTION TO JAVA PROGRAMMING  CHAPTER2-PROGRAMMING FUNDAMENTALS(Java character set, Tokens....etc)  PROGRAMS OF WORKSHEET 3  (Worksheet1,worksheet2 and programs of worksheet3)</p> <table border="1" data-bbox="342 1255 1057 1535"> <thead> <tr> <th>QUESTION TYPE</th> <th>MARKS</th> </tr> </thead> <tbody> <tr> <td>• FILL IN THE BLANKS</td> <td>4</td> </tr> <tr> <td>• TRUE OR FALSE</td> <td>5</td> </tr> <tr> <td>• IDENTIFY THE COMPONENTS OF IDE</td> <td>4</td> </tr> <tr> <td>• ANSWER THE FOLLOWING</td> <td>6</td> </tr> <tr> <td>• WRITING PROGRAMS</td> <td>6</td> </tr> </tbody> </table> <p>Total :25marks</p>	QUESTION TYPE	MARKS	• FILL IN THE BLANKS	4	• TRUE OR FALSE	5	• IDENTIFY THE COMPONENTS OF IDE	4	• ANSWER THE FOLLOWING	6	• WRITING PROGRAMS	6
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