



## BASELINE ASSESSMENT SYLLABUS GRADE 7-12 -2016-17 -AJB

Grade	Essential Topics	Marks	When
<b>MATHEMATICS</b>			
7	<ul style="list-style-type: none"> <li>➤ Fractions: addition &amp; subtraction</li> <li>➤ Fractions: multiplication &amp; division</li> <li>➤ Equations &amp; Solving equations(word problems)</li> <li>➤ Percentages</li> </ul>	15	1-9-2016
8	<ul style="list-style-type: none"> <li>➤ Fractions: addition &amp; subtraction</li> <li>➤ Fractions: multiplication &amp; division</li> <li>➤ Equations &amp; Solving equations(word problems)</li> <li>➤ Formula</li> </ul>	15	1-9-2016
9	<ul style="list-style-type: none"> <li>➤ Fractions: addition &amp; subtraction</li> <li>➤ Fractions: multiplication &amp; division</li> <li>➤ Equations &amp; Solving equations(word problems)</li> <li>➤ Formula</li> <li>➤ Simultaneous equations</li> </ul>	15	31-08-2016
10	<ul style="list-style-type: none"> <li>➤ Algebra</li> <li>➤ Numbers</li> <li>➤ Ratio &amp; proportion</li> <li>➤ Percentage</li> </ul>	20	31-08-2016
As-Level	<ul style="list-style-type: none"> <li>➤ Algebra</li> <li>➤ Trigonometry</li> <li>➤ 3) Mensuration</li> </ul>	15	31-08-2016
A-Level	<ul style="list-style-type: none"> <li>➤ Trigonometry</li> <li>➤ Differentiation</li> <li>➤ Integration</li> </ul>	15	2-09-2016
<b>BIOLOGY</b>			
7	<ul style="list-style-type: none"> <li>➤ Circulatory system –Structure of heart (label the diagram)</li> <li>➤ Single and double circulation, Open and closed circulation</li> <li>➤ Calculate heart beat</li> <li>➤ Cell-Animal Cell and Plant cell (Draw and label the diagrams)</li> <li>➤ Types of food (nutrients)</li> <li>➤ Deficiency diseases (vitamins, minerals, proteins, carbohydrates)</li> </ul>	15	2-09-2016
8	<ul style="list-style-type: none"> <li>➤ Photosynthesis word and chemical equation</li> <li>➤ Label the diagram of leaf</li> <li>➤ Label the Types of tissues in a leaf</li> <li>➤ Explain why leaf is an organ</li> <li>➤ Describe &amp; explain the process of gas exchange in leaf</li> <li>➤ Conducting Tissues Xylem &amp; phloem</li> <li>➤ Classification of vertebrates &amp; Invertebrates</li> <li>➤ Simple keys to identify</li> </ul>	15	2-09-2016



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	<ul style="list-style-type: none"> <li>➤ Food chains, food web</li> <li>➤ - Feeding relationship</li> </ul>		
9	<ul style="list-style-type: none"> <li>➤ Specialized cells in plants and Animals (3 examples each)</li> <li>➤ Describe the structure related to their function</li> <li>➤ Define enzymes, Properties of enzymes</li> <li>➤ Factors affecting enzyme activities</li> <li>➤ Role of enzymes in seed germination</li> <li>➤ Label Human digestive system and write the functions of each parts</li> <li>➤ Role of liver in digestion and excretion</li> <li>➤ Digestive enzymes</li> <li>➤ Chemical and mechanical digestion</li> <li>➤ Types of teeth and structure, Causes of Dental decay</li> </ul>	15	31-08-2016
10	<ul style="list-style-type: none"> <li>➤ Questions based on graphical skills, analytical skills, paragraph comprehension skills, few recall questions, drawing &amp; labelling skills</li> </ul>	20	31-8-2016
As-Level	<ul style="list-style-type: none"> <li>➤ Questions based on graphical skills, analytical skills, paragraph comprehension skills, few recall questions, drawing &amp; labelling skills</li> </ul>	20	2-9-2016
A-Level	<ul style="list-style-type: none"> <li>➤ Questions based on graphical skills, analytical skills, paragraph comprehension skills, few recall questions, drawing &amp; labelling skills</li> </ul>	20	2-9-2016
<b>CHEMISTRY</b>			
7	<ul style="list-style-type: none"> <li>➤ Dissolving Mixtures and factors effecting dissolving.</li> <li>➤ Separating mixtures techniques.</li> <li>➤ States of Matter</li> <li>➤ Periodic Table</li> <li>➤ Structure of Atom.</li> </ul>	15	30-8-2016
8	<ul style="list-style-type: none"> <li>➤ Word equation for acid reacting with metals/metal carbonates,</li> <li>➤ Word equations for burning of metals and hydrogen, definitions in states of matter and elements</li> <li>➤ Compounds and solutions, separation methods of common mixtures,</li> <li>➤ Symbols of common molecules of elements and compounds,</li> <li>➤ Formula of simple compounds as given in text book.</li> </ul>	15	30-8-2016
9	<ul style="list-style-type: none"> <li>➤ Atomic structure, writing word Equations.</li> <li>➤ Definitions in atomic structure and energy.</li> <li>➤ Changes, General concepts in rate of reactions.</li> </ul>	15	30-8-2016
10	<ul style="list-style-type: none"> <li>➤ Atomic structure, ionic and covalent bonding,</li> </ul>	20	01-09-2016



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	<ul style="list-style-type: none"> <li>➤ Reactions of acids and bases - including reactions of ammonia, Reactivity series of metals, reactions of metals including displacement reactions and writing ionic equations</li> </ul>		
As-Level	<ul style="list-style-type: none"> <li>➤ Calculations involving moles,</li> <li>➤ Energy changes,</li> <li>➤ Chemical bonding</li> <li>➤ Acid reactions with metals/bases/carbonates.</li> </ul>	20	01-09-2016
A-Level	<ul style="list-style-type: none"> <li>➤ Calculations involving Hess's law/Kp and Kc/moles</li> </ul>	20	01-09-2016
<b>PHYSICS</b>			
7	<ul style="list-style-type: none"> <li>➤ Forces and Electricity</li> </ul>	15	30-08-2016
8	<ul style="list-style-type: none"> <li>➤ Magnetism</li> <li>➤ Waves [ light and sound]</li> </ul>	15	30-08-2016
9	<ul style="list-style-type: none"> <li>➤ Speed , Velocity and acceleration , pressure , density , moment of force, methods of heat transfer.</li> </ul>	25	30-08-2016
10	<ul style="list-style-type: none"> <li>➤ General Physics, Thermal physics and Waves and light</li> </ul>	25	01-09-2016
As-Level	<ul style="list-style-type: none"> <li>➤ General Physics , Waves and Electricity</li> </ul>	25	01-09-2016
A-Level	<ul style="list-style-type: none"> <li>➤ Thermal physics, Magnetic effects of current, Nuclear Physics.</li> </ul>	25	01-09-2016
<b>ENGLISH</b>			
7	<ul style="list-style-type: none"> <li>➤ Reading Comprehension</li> <li>➤ Descriptive Writing[person/place/thing]</li> <li>➤ Grammar- forms of 'to be', 'to do', 'to have'</li> <li>➤ Subject Verb Agreement</li> <li>➤ Punctuation-Capitalisation, Comma, Full stop, Question mark</li> <li>➤ Vocabulary[from the wordlist provided]- to identify the words by inserting appropriate letters with the help of the prompts given</li> </ul>	25	28-08-2016
8	<ul style="list-style-type: none"> <li>➤ Reading Comprehension</li> <li>➤ Descriptive Writing[person/place/thing/event]</li> <li>➤ Grammar- Present Simple/Past Simple/Present continuous/Past continuous</li> <li>➤ Subject Verb Agreement</li> <li>➤ Punctuation-Capitalisation, Comma, Full stop, Quotation marks</li> <li>➤ Vocabulary[from the wordlist provided]- to choose the correct words/to frame sentences</li> </ul>	25	28-08-2016
9	<ul style="list-style-type: none"> <li>➤ Reading Comprehension</li> <li>➤ Information Transfer/Form Filling</li> <li>➤ Discursive Writing- 2 Content paragraphs[40-50 words]on the given topic</li> </ul>	30	28-08-2016



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	➤ Vocabulary[from the wordlist provided]- to choose the correct words/to frame sentences		
10	<ul style="list-style-type: none"> <li>➤ Reading Comprehension</li> <li>➤ Transitional Devices[to fill in the blanks with appropriate devices]</li> <li>➤ Vocabulary[from the wordlist provided]- to choose the correct words/to frame sentences/ to identify the words by inserting appropriate letters with the help of the prompts given</li> <li>➤ Argumentative Writing</li> </ul>	30	28-08-2016
<b>ICT</b>			
7	➤ Binary, internet hardware, Robots	15	31-8-16
8	➤ Database with Boolean operators, Networks, HTML	15	30-8-16
9	➤ Networking ,Turtle graphics	25	31-8-16
10	➤ Database, The ways ICT is used, system analysis and design, effect of using ICT, spreadsheet	25	31-8-16
As-Level	➤ How organization use ICT part 1, spreadsheet, Online shopping and banking.	25	31-8-16
A-Level	➤ Binary, internet hardware, Robots	25	31-8-16
○ <b>BUSINESS STUDIES</b>			
10	➤ Chapters 6-10	25	29-8-16
As-Level	➤ Unit 4 and 5	25	30-8-16
A-Level	➤ Unit 4 and 5	25	30-8-16
○ <b>ACCOUNTING</b>			
10	➤ Control accounting ,Financial statements with adjustments	25	30-8-16
As-Level	➤ Incomplete records, Errors in trial balance, Accounts of partnership business	25	29-8-16
A-Level	➤ Accounts of manufacturing business ,Accounts of non-trading organization, Accounts of limited companies	25	29-8-16