



**TAGORE INTERNATIONAL SCHOOL**  
**VASANT VIHAR, NEW DELHI**  
**PARENTS SYLLABUS (2020-21)**  
**CLASS XII A**  
**March -May**

Subject	Topics Covered / No. of Periods	Learning outcome	Activities	Assessments
<b>Math</b>	<p><b>Part I</b>  <b>Ch2 : Inverse trigonometric Functions</b>  <b>(8 classes)</b></p> <p><b>Part I</b>  <b>Ch 5 :Continuity &amp; Differentiability</b>  <b>(14classes)</b></p>	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>● define one-one onto functions</li> <li>● know that the trigonometric functions have inverse with restricted domains</li> <li>● evaluate principal value of inverse trigonometric functions</li> <li>● list the various properties of inverse trigonometric functions.</li> <li>● apply the properties to solve various questions.</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>● discuss continuity of any function at some points and find the points of discontinuity of a given function</li> <li>● test the differentiability of a given function at some given point(s) in its domain</li> <li>● Know the derivatives of inverse trigonometric functions and differentiate functions related to</li> </ul>	<p>To draw the graph of <math>\sin^{-1} x</math> using the graph of <math>\sin x</math> and demonstrate the concept of mirror reflection about the line <math>y=x</math></p> <ul style="list-style-type: none"> <li>● To draw inference between logarithmic and exponential function through a video</li> <li>● Lab Activity: To verify Rolles Theorem</li> </ul>	<ul style="list-style-type: none"> <li>● Questions from NCERT and assignment done as CW and given as HW</li> <li>● Google Form</li> <li>● Oral questions</li> <li>● Short class test</li> </ul> <ul style="list-style-type: none"> <li>● Questions from NCERT and assignment done as CW and given for HW</li> <li>● Oral questions</li> <li>● Google Form</li> <li>● Short test</li> </ul>

	<p><b>Part I</b>  <b>Ch6 : Application of derivatives</b>  <b>(18 classes)</b></p>	<p>the same and also implicit functions</p> <ul style="list-style-type: none"> <li>● define and differentiate parametric functions</li> <li>● know the logarithmic and exponential functions and list properties of logarithmic functions</li> <li>● differentiate functions using logarithm</li> <li>● determine second order derivative</li> <li>● state and apply Rolles Theorem</li> <li>● state and apply the Mean Value Theorem</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>● calculate the rate of change of one variable w.r.t another variable</li> <li>● find the slope of tangent and normal of a given curve at a point and hence their equations</li> <li>● find the points on the curve for which the tangents satisfy some given conditions</li> <li>● find the intervals in which a given function increases or decreases</li> <li>● determine maximum and minimum values of given functions</li> <li>● find the absolute maxima and minima</li> <li>● state what are maximum</li> </ul>	<ul style="list-style-type: none"> <li>● Discussion followed after watching a video on calculating speed at any instant and the real life application of <math>dy/dx</math></li> <li>● Discussion on corona virus curves as an increasing function in India</li> <li>● Lab activity: To understand the concepts of absolute maximum and</li> </ul>	<ul style="list-style-type: none"> <li>● Questions from NCERT done as CW and given for HW</li> <li>● Oral questions</li> <li>● 2 Google Forms</li> </ul>
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	<p><b>Part II</b>  <b>Ch 7 : Integrals</b>  (5 classes)</p>	<p>/minimum values and maximum/minimum points of a function in an interval</p> <ul style="list-style-type: none"> <li>● define local maxima and minima</li> <li>● determine local maxima and minima using derivative tests</li> <li>● apply the derivative tests to obtain the solution /prove the required in statement questions</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>● describe integration as a reverse process of differentiation</li> <li>● know the geometrical interpretation of indefinite integral</li> <li>● relate the formulae of integration with differentiation</li> <li>● integrate functions using substitution method</li> <li>● Integrate using trigonometric identities</li> </ul>	<p>minimum values of a function in a given closed interval through a graph</p> <ul style="list-style-type: none"> <li>● Lab activity: To understand the concepts of local maxima , local minima and point of inflection.</li> </ul> <p>To find the difference between differentiation and integration by reading the text book</p>	<ul style="list-style-type: none"> <li>● Questions from NCERT done as CW and given for HW</li> <li>● Oral questions</li> </ul>
<p><b>English</b></p>	<p><b><u>Vistas:</u></b>  <b><u>CH 1 The Third Level</u></b>  <b><u>4 classes</u></b></p>	<p><b>Each Student will be able to:</b></p> <ul style="list-style-type: none"> <li>● Identify the theme of the lesson</li> <li>● Illustrate the ill effects of the war and its fallout on the modern generation</li> </ul>	<ul style="list-style-type: none"> <li>● Reading of the text watching movies on World War I&amp;II</li> <li>● A list of the movies were provided to the students</li> <li>● Discussion and their debate in class</li> <li>● Word meaning</li> </ul>	<p><b>Worksheet</b>  <b>Word quiz(Gabardine)</b></p>

	<p><b><u>CH 2 The Tiger King</u></b> <b><u>5classes</u></b></p> <p><b><u>Flamingo:</u></b> <b><u>CH 1 Last Lesson</u></b> <b><u>4classes</u></b></p> <p><b><u>CH 2 Lost Spring</u></b> <b><u>3classes</u></b></p> <p><b><u>CH 6 Poets and Pancakes</u></b> <b><u>5classes</u></b></p>	<p><b>Each Student will be able to:</b></p> <ul style="list-style-type: none"> <li>● Evaluate the theme of the lesson</li> <li>● Analysis of the character :Tiger King</li> <li>● Comprehend the justification of writing this story</li> <li>● Illustrate the literary devices employed</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>● Recall the lesson</li> <li>● Identify the two characters in the lesson</li> <li>● Attempt the questions and answer them correctly</li> </ul> <p><b>Each students will be able to</b></p> <ul style="list-style-type: none"> <li>● Identify the theme of the lesson</li> <li>● Evaluate how unlucky the lives are in contrast to their lives</li> <li>● Understand the need to work for social upliftment.</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>● record correctly the lesson</li> </ul>	<ul style="list-style-type: none"> <li>● Through reading of the chapter</li> </ul> <p>Students were given an exposure to two kinds of documentary</p> <p>Discussion in the class regarding Tiger conservation</p> <p>Reading of the chapter Discussion of doubts</p> <p>Students were told to read about the German invasion of Prussia The significance of mother tongue</p> <p>Discussion about the ill effects of procrastination Students are instructed to read about the lives of bonded child labourers working in various industries. Where do they encounter child labour?Through reading of the text. Discussion on two lives(Sheb e Alam and Mukesh)</p> <p>Through reading of the chapter Discussion of the Gemini Studio and sharing its logo</p>	<p><b>Quiz</b></p> <p><b>NCERT questions</b></p> <p><b>Quiz</b></p> <p><b>Question &amp; Answer worksheet</b></p>
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	<p><b><u>CH :The Enemy</u></b> <b><u>5classes</u></b></p> <p><b><u>Flamingo:</u></b> <b><u>CH 3 Deep Water</u></b> <b><u>3classes</u></b></p> <p><b><u>Writing Skill:Letter</u></b> <b><u>(Enquiry,Complaint,Order)</u></b> <b><u>2classes</u></b> <b><u>Letter to the Editor</u></b> <b><u>1 class</u></b> <b><u>Resume</u></b> <b><u>1class</u></b></p> <p><b><u>Job application</u></b> <b><u>1class</u></b></p>	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>Analyze the dual duty that of nationality and that of a doctor.</li> <li>The real call of humanity and human nature</li> <li>Understand Japanese culture</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>Identify the theme of the lesson</li> <li>Evaluate the need for constant hard work to overcome any shortcoming</li> <li>Understanding Trauma</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>Write the letters correctly</li> <li>Frame the body of the letter according to the question</li> <li>Choose a correct format</li> </ul>	<p>Students read the lesson and are able to completely identify with their situation in the present condition.</p> <p>Students read the chapter explanation and the discussing illustrates the different ways human beings respond to crisis</p> <p>Students read and discuss the lesson and the various techniques employed to win over a complex situation. Discussion on PTSD and trauma</p> <p>Students are able to write the letter using the correct format.</p> <p>The text ENEMY is used to create a Job application and a resume for a fugitive doctor.</p>	
<p><b>Business Studies</b></p>	<p><b>1.Business Environment</b> <b>(6 classes)</b></p>	<p><b>Each Student will be able to:</b></p> <ul style="list-style-type: none"> <li><b>explain</b> the meaning of the business environment.</li> <li><b>discuss</b> the importance of the</li> </ul>	<p>Collect articles related to the business environment from the newspaper for discussion.</p>	<p>Assignment</p> <p>Online quiz</p>

	<p><b>2. Planning</b> <b>(5 classes)</b></p> <p><b>3. Organising</b> <b>(8 Classes)</b></p>	<p>business environment.</p> <ul style="list-style-type: none"> <li>● <b>describe</b> the various elements of the business environment.</li> <li>● <b>examine</b> the economic environment in India and the impact of Government policies on business and industry with special reference to liberalization, privatization and globalization.</li> </ul> <p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● <b>state</b> the concept of planning.</li> <li>● <b>appreciate</b> the importance of planning.</li> <li>● <b>realize</b> the limitations of planning.</li> <li>● <b>explain</b> the process of planning.</li> <li>● <b>differentiate</b> between strategy, objectives, policy, procedure, method, rules, budget and programs.</li> </ul> <p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● <b>appreciate</b> the importance of organizing.</li> <li>● <b>elaborate</b> the steps in the process.</li> <li>● <b>describe</b> functional and divisional structures of org.</li> <li>● <b>explain</b> formal and informal organization.</li> </ul>	<p>Discussion with real life examples on impact of business environment on business and industry.</p> <p>Students have to take any dimension of environment and collect information for analysis.</p> <p>Making of a plan for a school event.</p> <p>discussion on the difference between various types of plans.</p> <p>Collect real life examples of limitations of planning.</p> <p>Participation in discussion (formal &amp; informal organization)</p> <p>Students take examples of school and find out a system of functioning based on</p>	<p>Worksheet</p> <p>NCERT questions</p> <p>Assignment</p> <p>Worksheet</p> <p>NCERT questions</p> <p>Assignment</p> <p>Worksheet</p> <p>NCERT questions</p>
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	<p><b>4. Staffing</b> <b>(8 classes)</b></p> <p><b>5. Directing</b> <b>(10 classes)</b></p>	<ul style="list-style-type: none"> <li>● <b>define</b> delegation and decentralization.</li> <li>● <b>appreciate</b> the importance of delegation and decentralization.</li> <li>● <b>differentiate</b> between delegation and decentralization.</li> </ul> <p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● <b>state</b> the meaning and importance of staffing.</li> <li>● <b>appreciate</b> the function of staffing in human resource management.</li> <li>● <b>describe</b> the process of staffing.</li> <li>● <b>classify</b> the internal and external sources of recruitment.</li> <li>● <b>explain</b> the steps in the selection process.</li> <li>● <b>state</b> the meaning and need of training.</li> <li>● <b>classify</b> various methods of training.</li> </ul> <p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● <b>explain</b> the meaning and importance of directing.</li> <li>● <b>list</b> the four elements of directing.</li> <li>● <b>appreciate</b> the importance of supervision.</li> <li>● <b>explain</b> the importance and need of hierarchy in motivation.</li> <li>● <b>differentiate</b> between financial</li> </ul>	<p>hierarchy.</p> <p>Students will observe organizational skills of school via informal communication.</p> <p>Brainstorming - Internal source of recruitment is better than the external source of recruitment.</p> <p>Find out from your family members &amp; relatives, the different kinds of training received &amp; their benefits.</p> <p>Brainstorming – role of supervisors to be abolished or no.</p> <p>Discussion on importance of financial &amp; non-financial incentives.</p> <p>Collect information about various ways to motivate</p>	<p>Assignment</p> <p>Worksheet</p> <p>NCERT questions</p> <p>Assignment</p> <p>Worksheet</p> <p>NCERT questions</p>
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		incentives and non-financial incentive	employees in various organizations.	
<b>Accountancy</b>	<p><b>1.Accounting for partnership firm: change in profit sharing ratio among the existing partners.</b></p> <p><b>(5 periods)</b></p> <p><b>2.Accounting for partnership firm: admission of a partner</b></p> <p><b>(8 periods)</b></p>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● <b>calculate</b> new profit-sharing ratio, sacrificing ratio and gaining ratio of the partners.</li> <li>● <b>calculate</b> and <b>journalize</b> the effect of change in profit sharing ratio on the goodwill of the firm.</li> <li>● <b>make</b> a revaluation account and balance sheet.</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>● <b>calculate</b> the new profit ratio and sacrificing ratio.</li> <li>● <b>do</b> the accounting treatment of goodwill in different cases</li> <li>● <b>treat</b> the goodwill already existing at the time of admission of a partner.</li> <li>● <b>treat</b> the personal goodwill and other assets brought in by the</li> </ul>	<p>Discussion on new profit ratio and old ratio.</p> <p>Discussion on requirement of sacrificing ratio.</p> <p>Practical assignment on sacrificing ratio, gaining ratio and change in profit sharing ratio.</p> <p>Students can find some real partnership firms and bring information about change in profit sharing ratio.</p> <p>Various cases of goodwill will be given in the questions and students will find out the solution.</p> <p>Practical assignment on questions with capital</p>	<p>Assignment</p> <p>Text book questions 1-30</p> <p>Class Test</p> <p>Assignment</p> <p>Text book questions 1-80</p>

	<p><b>3.Accounting for partnership firm: retirement and death of a partner.</b></p> <p><b>(14 periods)</b></p>	<p>new partner</p> <ul style="list-style-type: none"> <li>● <b>prepare</b> and <b>journalize</b> the revaluation account</li> <li>● <b>pass</b> journal entries relating to distribution of accumulated profits and reserves.</li> <li>● <b>prepare</b> revaluation a/c, partners' capital a/c and partners current a/c, and balance sheet of new firm.</li> </ul> <p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● <b>calculate</b> new partner's sacrificing ratio and gaining ratio.</li> <li>● <b>differentiate</b> between sacrificing and gaining ratio.</li> <li>● <b>revalue</b> assets and reassess liabilities</li> <li>● <b>prepare</b> revaluation a/c, make accounting entries to record revaluation and profit / loss on revaluation.</li> <li>● <b>make</b> distribution of accumulated profits and reserves.</li> <li>● <b>show</b> treatment of hidden goodwill on retirement as well as</li> </ul>	<p>adjustments.</p> <p>Practical assignment on calculation on new partner's sacrificing ratio and gaining ratio.</p> <p>Practical assignment on retirement of a partner (full questions)</p> <p>Assignment on calculation of profit till the death of a Partner.</p> <p>Assignment on preparation of deceased partners' capital accounts</p>	<p>Assignment</p> <p>Text book questions 1-60</p>
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	<p><b>4.Accounting for partnership firm: dissolution of a partnership firm</b></p> <p><b>(7 periods)</b></p>	<p>treatment on goodwill on retirement. show.</p> <ul style="list-style-type: none"> <li>● <b>prepare</b> revaluation a/c, partners capital a/c and partners current a/c, and balance sheet of new firm.</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>● <b>explain</b> the concept of dissolution</li> <li>● <b>find out</b> the types of dissolution of a firm</li> <li>● <b>discuss</b> how to settle accounts</li> <li>● <b>prepare</b> realization a/c and other related a/c, capital a/c of partners and cash/bank a/c and balance sheet.</li> </ul>	<p>Discussion on revaluation account and realization account.</p> <p>Practical assignment on dissolution of a partnership firm (full questions)</p>	<p>Assignment</p> <p>Text book questions 1-50</p>
<p><b>Economics</b></p>	<p><b>Government Budget and the Economy</b></p> <p><b>Meaning</b></p> <p><b>Structure</b></p> <p><b>Public revenue</b></p> <p><b>Revenue and capital.</b></p> <p><b>(8 classes)</b></p>	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>● Identify the spending categories and major revenue sources in the Union budget</li> <li>● State the various objectives of the Budget.</li> <li>● Define fiscal policy, identifying the roles of tax rates and government spending.</li> <li>● Assess the impact of the budget</li> </ul>	<p>Making of a budget plan for a school event.</p> <p>Discussion on the difference between various types of budgets.</p> <p>Read through the central budget Of 2020.</p> <p>Participation in discussion on</p>	<ul style="list-style-type: none"> <li>• Worksheets</li> <li>• Online Quiz/MCQs'</li> <li>• HOTS questions</li> </ul> <p>Prepare your own budget</p>

	<p><b>POVERTY</b></p> <p><b>Reasons for poverty</b></p> <p><b>Causes</b></p> <p><b>Measurement</b></p> <p><b>(6 classes)</b></p>	<p>on the economy?</p> <ul style="list-style-type: none"> <li>● Differentiate between capital and revenue receipts.</li> <li>● Identify the types of deficit</li> <li>● Explain the various sources from which the budgetary deficits are financed?</li> <li>● Differentiate between capital and revenue receipts.</li> <li>● Identify the types of deficit</li> <li>● Explain the various sources from which the budgetary deficits are financed</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>● Define poverty.</li> <li>● Identify the reasons for the emergence of poverty.</li> <li>● Identify the causes of poverty</li> <li>● Measure the levels of poverty across the world, country and states.</li> <li>● Comprehend the diverse dimensions relating to the concept of poverty.</li> <li>● Critically appreciate the way poverty is estimated.</li> <li>● Appreciate and be able to assess existing poverty alleviation programs.</li> </ul>	<p>the 20 crore economic package</p> <p>Newspaper articles on the topics discussed</p> <p>Find out the measures taken to remove poverty in India by the Government.</p> <p>Identify the causes of poverty</p> <p>Measure the levels of poverty across the world, country and states .</p> <p>Hold a Hunger Banquette The Hunger Banquette is a fun, interactive activity that you can do in a classroom to teach about the demographics of poverty around the world.</p>	<ul style="list-style-type: none"> <li>• Worksheets</li> <li>• Online Quiz/MCQs'</li> <li>• HOTS questions</li> </ul>
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	<p><b>Unemployment</b></p> <p><b>Workforce</b></p> <p><b>Types of unemployment</b></p> <p><b>(6 classes)</b></p>          <p><b>NATIONAL INCOME AND RELATED AGGREGATES.</b></p> <p><b>Different methods of calculating National income</b></p> <p><b>GDP and welfare</b></p>	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"><li>● Define unemployment</li><li>● State the difference between workforce and labor force.</li><li>● Identify the different types of unemployment</li><li>● Understand a few basic concepts relating to employment such as economic activity, worker, workforce and unemployment</li><li>● Understand the nature of participation of men and women in various economic activities.</li><li>● Know the nature and extent of unemployment in the economy.</li><li>● Work together to discover who is unemployed.</li><li>● Calculate unemployment rates and labor force.</li><li>●</li></ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"><li>● Identify the three methods of national income.</li><li>● Calculate inventories.</li><li>● Associate the problem of double counting with the value added method.</li></ul>	<p>● Highlight ways in which you will know whether a worker is working in the informal sector.</p> <ul style="list-style-type: none"><li>● Analyse, Why are regular salaried employees more in urban areas than in rural areas.</li><li>● Analyse, Why are less women found in regular salaried jobs.</li></ul> <p>Activity to identify different kinds of unemployment.</p>          <p>● Commence with real-life examples like how much pocket money do they get from their parents and how are they allocating this money(transfer income)</p>	<ul style="list-style-type: none"><li>● Worksheets</li><li>● Online Quiz/MCQs'</li><li>● HOTS questions</li></ul>          <p>Worksheets</p> <p>Online Quiz/MCQs'</p> <p>HOTS questions</p> <p>Numerical worksheet</p>
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	(13 classes)	<ul style="list-style-type: none"> <li>● Establish the precautions associated with the methods.</li> <li>● Analyze the circular flow of income.</li> <li>● Understand different sectors.</li> <li>● Numericals</li> <li>● Compare real and nominal income</li> <li>● Discuss GDP and welfare</li> </ul>	<ul style="list-style-type: none"> <li>• In what sense can defence and security provided by the government be treated as intermediate service.</li> <li>• Identify -Why is GDP not an adequate indicator of welfare. • Increase in per capita income means increase in per capita availability of goods and services.</li> </ul> <p>Discussion- Does it necessarily mean rise in the welfare of the people in the country.  COVID 19 and the effect on national income.</p>	
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