

Programme Schedule of online weekend classes (XI) under Udaan Project 2017-19

**7<sup>th</sup> Week**

<b>Saturday 9<sup>th</sup> December, 2017</b>	
<b>Class XI</b>	
<b>1:00 pm – 2:45 pm</b>	
<b>Subject</b>	<b>Mathematics</b>
<b>Resource person</b>	<b>Mr. Rehan Nawaz</b>
<b>Topic</b>	<b>Ellipse – Focal chord properties, Equation of tangent, Auxiliary circle</b>
<b>2.45pm – 3.15pm Lunch Break</b>	
<b>3:15 pm – 5.00 pm</b>	
<b>Subject</b>	<b>Physics</b>
<b>Resource person</b>	<b>Mr. Sandeep Singhal</b>
<b>Topic</b>	<b>Properties of Solids and Liquids: Heat, temperature, thermal expansion; specific heat capacity, calorimetry; change of state, latent heat. Heat transfer – conduction, convection and radiation, Newton’s law of cooling.</b>
<b>Sunday 10<sup>th</sup> December , 2017</b>	
<b>9.00 am – 11.30 am</b>	
<b>Subject</b>	<b>Mathematics</b>
<b>Resource Person</b>	<b>Mr. Rehan Nawaz</b>
<b>Topic</b>	<b>Ellipse – Various Chords of Ellipse, Equation of Normal, reflection properties.</b>
<b>11.30am -12.00- noon Lunch Break</b>	
<b>12.00 noon– 2.30pm</b>	
<b>Subject</b>	<b>Chemistry</b>
<b>Resource person</b>	<b>Dr. Prerna Bansal</b>
<b>Topic</b>	<b>Chemical Equilibrium – Le Chatelier’s Principle Change in Equilibria &amp; Physical Equilibria), Degree of Dissociation and vapour Density Measurement. Electrolytes &amp; pH calculation of weak acids and bases.</b>
<b>2.30pm to 2.40pm break</b>	
<b>2.40pm to 4.10pm Assessment on topics of upto week No.6</b>	