

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

5th Week

Saturday 25th November, 2017	
Class XI	
1:00 pm – 2:45 pm	
Subject	Mathematics
Resource person	Mr. Rehan Nawaz
Topic	Circles – Common tangents, Family of circles, Radical axis and Orthogonality of Circles Parabola – Different types of parabola, Shifting of parabola
2.45pm – 3.15pm Lunch Break	
3:15 pm – 5.00 pm	
Subject	Physics
Resource person	Mr. G.K. Mishra
Topic	Properties of Solids and Liquids: Streamline and turbulent flow, Reynolds number, Bernoulli's principle and its applications
Sunday 26th November, 2017	
9.00 am – 11.30 am	
Subject	Chemistry
Resource Person	Dr. Prerna Bansal
Topic	Thermochemistry – Laws of thermochemistry and their applications, Spontaneity – Entropy, Entropy change calculations, Second Law & Third Law of Thermodynamics and Gibb's free energy
11.30am -12.00- noon Lunch Break	
12.00 noon– 2.30pm	
Subject	Physics
Resource person	Mr. G.K. Mishra
Topic	Properties of Solids and Liquids: Elastic behavior, Stress-strain relationship, Hooke's Law, Young's modulus, bulk modulus, Modulus of rigidity (including poisson's ratio)
2.30pm to 2.40pm break	
2.40pm to 4.10pm Assessment on topics of upto week No.4	