

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

11th Week

Saturday 13th January, 2018	
Class XI	
1:00 pm - 2:45 pm	
Subject	Mathematics
Resource person	Mr. Gurleen Singh
Topic	Permutation & Combinations – number theory applications, geometric applications, derangements
2.45pm - 3.15pm Lunch Break	
3:15 pm - 5.00 pm	
Subject	Chemistry
Resource person	Dr. Rakhi Thareja
Topic	Hydrogen: Hardness of water, Hydrogen Peroxide, Volume strength of Hydrogen Peroxide
Sunday 14th January, 2018	
9.00 am - 11.30 am	
Subject	Chemistry
Resource Person	Dr. Rakhi Thareja
Topic	S-block Elements: Properties of Alkali Metals and their compounds Properties of alkaline earth metals and their compounds
11.30am -12.00- noon Lunch Break	
12.00 noon- 2.30pm	
Subject	Physics
Resource person	Dr. Kulvinder Singh
Topic	Kinetic theory of gases: Degree of freedom, Law of equipartition of energy, application to specific heat capacity of gases, mean free path, Avagadro's number.
2.30pm to 2.40pm break	
2.40pm to 4.10pm Assessment on topics of upto week No.10	