

ACADEMIC SESSION 2018-19 : COURSE PLANNING

Course Program Name - IX ANUJ		Course Code - RDANUJ	Course Duration - 700 Hrs
TARGET EXAM - NTSE, IMO, SOF based IMO, CBSE Board Exam			
Course Commencement : 07.03.2018			
Subject	Phase - I	Phase - II	Phase - III
<i>Topics Name (No. of Lectures)</i>			
Mathematics	Polynomials-1	Coordinate Geometry -1	Circle
	Number System, Indices, Surds, Logarithm	Heron's Formula	Construction- 1
	Euclid's Geometry	Linear Equation in Two Variable - 1	Surface Areas & Volumes-1
	Lines and Angels	Quadrilaterals	Statistics-1
	Triangles	Area of Parallelogram & Tringles	Probability-1
Physics	Motion	Laws of Motion and Fluids	Work and Energy
		Gravitation	Sound
Chemistry	Matter in Our Surroundings	Atoms & Molecules	Structure of Atom & Mole Concept
	Is Matter Around Us Pure?		
Biology	The Foundation Unit of Life	Food: Improvement in food resources	Diversity of Living Organism
		Natural Resources	
Geography	Tissues	Disease: Why Do We Fall III?	
	India: size and location	Climate	Population
	Drainage	Natural Vegetation and Wildlife	
Political Science	Physical features of India		
	What is Democracy?	Constitutional Design	Democratic Rights
	Constitutional Design	Electoral Politics	
Economics	The story of village palampar	Poverty As a Challenge	Food Security in India
	People as a resource		
History	The french revolution	Forest Society and Colonialism	History and Sport: The Story of Cricket
	socialism in Europe and the Russian revolution	Pastoralists in the Modern World	Clothing: A Social History
	Nazim and the rise of Hitler	Peasants and Farmers	

Course Program Name - X ANUJ		Course Code - RDANUJ	Course Duration - 350 Hrs
TARGET EXAM - NTSE, IMO, SOF based IMO, CBSE Board Exam			
Subject	Phase - IV	Phase - V	Phase - VI
	Topics Name (No. of Lectures)		
Mathematics	Real Numbers	Arithmetic Profression	Probability-2
	Polynomials	Tangents to a Circle	Coordinate Geometry -2
	Pair of Linear Equations in Two Variables	Constructions-2	Areas related to circles
	Quadratic Equations	Application of Trigonometry	Surface Areas & Volumes-2
Physics	Electricity	Magnetic Effects of Electric Current	Light, Reflection and Refraction
		Sources of Energy	Human Eye and Colourful World
	Chemical Reactions and Equations	Metals & Non Metals	Periodic Classification
Chemistry	Acids Bases and Salts	Carbon & Its Compounds	
Biology	Life Process	Control & Coordination	Heredity & Evolution
		Reproduction	Our Environment & Management of natural Resources
	Resources and Development	Water Resources	Minerals and Energy Resources
Geography	Forest and Wildlife Resources	Agriculture	Manufacturing Industries
			Life Lines of National Economy
	Power Sharing	Gender, Religion and Caste	Political Parties
Political Science	Federalism	Popular Struggles and Movements	Outcomes of Democracy
	Democracy and Diversity		Challenges of Democracy
	Development		
Economics	Sectors of the Indian Economy	Globalisation & the Indian Economy	Consumer Rights
	Money and Credit		
	The Age of Industrialisation	Novels, Society & History	The Rise of Nationalism in Europe
History	The Making of Global World	Work, Life & Leisure	The Nationalist Movement in Indo-China
	Print Culture and the Modern World		Nationalism in India