

DAV PUBLIC SR SEC SCHOOL

Bina Project (NCL) ,Sonebhadra (U.P)

(Project School Managed by DAV College Managing Committee , Chitra Gupta Road, New Delhi)

Entrance Examination Syllabus – Class XI

Science Stream (PCM)

English	Mathematics	Physics	Chemistry
Reading skill, Comprehension. Writing skill - letter & article . Grammar – Tenses, Active & passive voice , subject verb concord ,infinites & participles ,verb, determiners , pronouns & prepositions , type of sentences ,reported speech.	Real Numbers . Polynomials- remainder and factor theorem , factorization .Linear Equations in two variables. Quadratic Equations. Arithmetic Progression .Triangles - similarity . Circle & tangent Co-ordinate geometry .Trigonometry . Area related to circle. Surface areas & volumes of solids. Statistics – mean ,median ,mode. Probability .	Electricity - Effects of current Magnetic effects of current. Sound ,Light –Reflection and refraction ,dispersion and scattering of light. Sources of energy. Motion ,force and work . Floatation ,energy and power	Carbon and its compounds. Periodic classification of elements, chemical reactions ,chemical equations. acid ,bases and salts . Metal and non-metals. Structure of atom.

Science Stream (PCB)

English	Biology	Physics	Chemistry
Reading skill, Comprehension. Writing skill - letter & article . Grammar – Tenses, Active & passive voice , subject verb concord ,infinites & participles ,verb, determiners , pronouns & prepositions , type of sentences ,reported speech.	Reproduction. Heredity and evolution. Life processes .Control and co - ordination in animals and plants .Cell ,tissues ,organs ,organism. Health & diseases . Biological Diversity ,Our environment , Physical resources –air ,water and soil.	Electricity - Effects of current Magnetic effects of current. Sound ,Light –Reflection and refraction ,dispersion and scattering of light. Sources of energy. Motion ,force and work . Floatation ,energy and power	Carbon and its compounds. Periodic classification of elements, chemical reactions ,chemical equations. acid ,bases and salts . Metal and non-metals. Structure of atom.

DAV PUBLIC SR SEC SCHOOL

Bina Project (NCL) ,Sonebhadra (U.P)

(Project School Managed by DAV College Managing Committee , Chitra Gupta Road, New Delhi)

Entrance Examination Syllabus – Class XI

Commerce Stream

English	Mathematics	Social Science
Reading skill - Comprehension. Writing skill - letter and article . Grammar – Tenses, Active and passive voice , subject verb concord ,infinites and participles ,verb, determiners , pronouns and prepositions , type of sentences and reported speech.	Real Numbers . Polynomials- remainder and factor theorem , factorization .Linear Equations in two variables. Quadratic Equations. Arithmetic Progression .Triangles - similarity . Circle &tangent .Co-ordinate geometry . Trigonometry . Area related to circle. Surface areas & volumes of solids. Statistics –mean ,median ,mode. Probability Theory .	Economical development , Sectors of Indian economy Globalization and Indian economy. Money and credit .World Bank and IMF Consumer rights . Nationalism in India .