DOON PUBLIC SCHOOL-LADWA

SYLLABUS FOR THE SESSION 2019-20

CLASS-10th

ENGLISH Book-1 First Flight (Poetry) Book-2 Footprints without feet Book-3 Workbook

APRIL	May	JULY
First Flight (Prose) Chapter-1 A letter to god Chapter-2 Nelson Mandela: Long walk to freedom First Flight (Poetry) Poem-1 Dust of snow Poem-2 Fire and ice Footprints without feet Chapter-1 A triumph of surgery Grammar Topic-1 Use of passive voice	First Flight (Prose) Chapter-3 Two stories about flying First Flight (Poetry) Poem-3 A tiger in the zoo Footprints without feet Chapter-2 The thief's story Grammar Topic-2 Modals	First Flight (Prose) Chapter-4 From the diary of Anne Frank Chapter-5 The hundred dresses-I First Flight (Poetry) Poem-4 How to tell wild animals Footprints without feet Chapter-3 The midnight visitor Grammar Topic-3 Tenses
AUGUST	**SEPTEMBER**	**OCTOBER**
First Flight (Prose) Chapter-6 The hundred dresses-II First Flight (Poetry) Poem-5 The ball poem Poem-6 Amanda Footprints without feet Chapter-4 A question of trust Chapter-5 Footprints without feet Grammar Topic-4 Verb concord	First Flight (Prose) Chapter-7 Glimpses of India First Flight (Poetry) Poem-7 Animals Footprints without feet Chapter-6 The making of a scientist	First Flight (Prose) Chapter-8 Mijbil the Otter Chapter-9 Madam rides the bus First Flight (Poetry) Poem-8 The trees Footprints without feet Chapter-7 The necklace Grammar Topic-5 Direct and indirect speech
NOVEMBER	**DECEMBER**	**JANUARY/FEBRUARY**
First Flight (Prose) Chapter-10 The sermon at benares Chapter-11 The proposal First Flight (Poetry) Poem-9 Fog Poem-10 The tale of custard the dragon Footprints without feet Chapter-8 The hack driver Grammar Topic-6 Clauses	First Flight (Poetry) Poem-11 For Anne Gregory Footprints without feet Chapter-9 Bholi Chapter-10 The book that saved the Earth Grammar Topic-7 Determiners Topic-8 Prepositions	Revision of annual Exams **MARCH** **ANNUAL EXAMS**

HINDI

Books Name: 1 आरोह भाग-1 and वितान

APRIL	May	JULY
क्षितिज कविता-1 पाठ-10 नेता जी का चश्मा कृतिका पाठ-1 माता का आँचल	क्षितिज कविता-2 पाठ-11 बालगोबिन भगत	क्षितिज कविता-3,4 कृतिका पाठ-2 जॉर्ज पंचम की नाक व्याकरण क्रिया भेद, निबंध
AUGUST	**SEPTEMBER**	**OCTOBER**
क्षितिज कविता-5 पाठ-12 लखनवी अंदाज व्याकरण निबंध, क्रिया भेद	क्षितिज कविता-6 पाठ-13 मानवीय करुणा की दिव्य चमक व्याकरण-पत्र, अव्यय, पद-परिचय **Half Yearly Exams**	क्षितिज कविता-7 और 8 पाठ-14 एक कहानी यह भी व्याकरण वाक्य-भेद, वाच्य-कृत कृतिका साना-साना हाथ जोड़ि
NOVEMBER	**DECEMBER**	**JANUARY /FEBRUARY**
क्षितिज कविता-9 कृतिका पाठ-4 ऐन्थी ठैयाँ झुलनी हैरानी हो राम पाठ-5 मैं क्यों लिखता हूँ	व्याकरण- अलंकार क्षितिज पाठ-15 स्त्री शिक्षा के विरोधी पाठ-16 नौबत खाने में इबादत पाठ-17 संस्कृति	**Revision** **MARCH** **ANNUAL EXAMS**

MATH

Book name: Elements of Mathematics

APRIL	May	JULY
Chapter-1 Real numbers Chapter-2 Polynomials	Chapter-3 Pair of Liner Equation in Two Variables Chapter-4 Quadratic Equation	Chapter-5 Arithmetic Progressions Chapter-7 Coordinate Geometry
AUGUST	**OCTOBER**	**NOVEMBER**
Chapter-8 Trigonometry Chapter-9 Heights and its Applications	Chapter-10 Circles Chapter-12 Areas related to Circles	Chapter-11 Constructions Chapter-13 Surface areas and Volumes
SEPTEMBER		
REVISION AND HALF YEARLY EXAMS		
DECEMBER	**JANUARY**	**FEBRUARY**
Chapter-14 Statistics Chapter-15 Probability	**REVISION**	**REVISION** **MARCH** **ANNUAL EXAMS**

SST

Book Name: Themes in world History

APRIL	May	JULY
Geo: Ch-1 Resourcesand development Eco: Ch-1 Development Pol Sci: Ch-1 Power savimng His: Ch-4 The making of global world	Geo: Ch-3 Water resources: life resources Pol Sci: Ch-2 Federalism His: Ch-7 Print culture and the modern world	Geo: Ch-Ch-3 Water resources Eco: Ch-2 Sectors of the Indian economy Pol Sci: Ch-3 Democracy and diversity His: Ch-6 Work, life and leisure
AUGUST	**SEPTEMBER**	**OCTOBER**
His: Ch-1 The rise of nationalism in Europe Ch-2 the Nationalist movement in India Pol Sci: Ch-4 Gender, religion and caste	Geo: Ch-4 Agriculture Eco: Ch-3 Money and credit Pol Sci: Ch-5 Popular strugglers and movements	Pol Sci: Ch-6 Political parties Geo: Ch-5 Mineral and energy resources His: Ch-3 Nationalism in India Ch-5 The age of Industrialization
NOVEMBER	**DECEMBER**	**JANUARY/ FEBRUARY**
Pol Sci: Ch-7 Outcomes of Democracy Geo: Ch-6 Manufacturing industries Eco: Ch-4 Globalization and Indian Economy	Geo: Ch-7 Lifeline of national economy Pol Sci: Ch-8 Challenges to Democracy Eco: ch-5 Consumer rights His: Ch-8 Novels, Society and history	**Revision** **MARCH** **ANNUAL EXAMS**

BIOLOGY

APRIL	May	JULY/AUGUST	SEPTEMBER	
Chapter-1 Life Processes	Chapter-2 Control and coordination	Chapter-3 How do organisms reproduce?	Chapter-4 Heredity and Evolution	
OCTOBER	**NOVEMBER**	**DECEMBER**	**JANUARY/ FEBRUARY**	
Chapter-5 Our Environment		Chapter-6 Management of Natural Resources	**REVISION**	**ANNUAL EXAMS**

PHYSICAL EDUCATION

MONTH	Activity	MONTH	Activity
April	Inter house: Kho-kho	**October**	Inter house: Badminton and Kabaddi match
May	Inter house: Basket ball	**November**	Track and field events
July	Inter house: Carom Board	**December**	Inter house: Cricket match
August	Inter house: Chess	**January**	Inter house: Volley ball

PHYSICS

APRIL	May	JULY
Chapter 1: Electric Current • Potential difference and electric current • Ohm's law • Resistance, Resistivity, Factors on which the resistance of a conductor depends • Series combination of resistors, parallel combination of resistors and its applications in daily life • Heating effect of electric current and its applications in daily life • Electric power, Inter relation between P, V, I and R **PRACTICALS** 1. To study the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plot a graph between V and I.	**Chapter 2: Magnetic Effects of Current** • Magnetic field,Field lines • Field due to a current carrying conductor • Field due to current carrying coil or solenoid • Force on current carrying conductor • Fleming's left hand rule • Electromagnetic induction • Induced potential difference,Induced current • Fleming's Right Hand Rule • Direct current,Alternating current • Frequency of AC,Advantage of AC over DC • Domestic electric circuits **PRACTICALS** 1. To determine the equivalent resistance of two resistors when connected in series. 2. To determine the equivalent resistance of two resistors when connected in parallel.	**Chapter 3: Sources of energy** • Different forms of energy • Conventional and non-conventional sources of energy o Fossil fuels o Solar energy o Biogas o Wind o Water and tidal energy o Nuclear energy • Renewable versus non-renewable sources
AUGUST	**OCTOBER**	**NOVEMBER**

Chapter 4: Reflection • Reflection of light at curved surfaces • Images formed by spherical mirrors • Centre of curvature • Principal axis • Principal focus • Focal length • Mirror formula (Derivation not required) • Magnification **PRACTICALS** 1. To determine the focal length of – • Concave mirror • Convex lens By obtaining the image of a distant object.	**Chapter 5: Refraction** • Refraction • Laws of refraction • Refractive index • Refraction of light by spherical lens • Image formed by spherical lenses • Lens formula (Derivation not required) • Magnification • Power of a lens • Functioning of a lens in human eye • Defects of vision and their corrections • Applications of spherical mirrors and lenses • Refraction of light through a prism • Dispersion of light • Scattering of light • Applications in daily life	**Revision**
DECEMBER	**PRACTICALS**	**JANUARY/ FEBRUARY/MARCH**
Revision	**PRACTICALS** 1. To trace the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.	**Revision/Annual Exams**

	2. To trace the path of the rays of light through a glass prism. 3. To find the image distance for varying object distances in case of a convex lens and draw corresponding ray diagrams to show the nature of image formed.	

CHEMISTRY

APRIL	May	JULY
Ch-1 Chemical reactions and equations Chemical change Balancing of chemical equations Decomposition reactions Combustion reactions Redox reactions	Ch-2 Acids, bases and salts What is a base? Indicators Basicity of acids Strong and weak acids Acidity of bases Hydrated salts	Ch-3 Metals and non-metals Physical properties of metals Alloys Amalgams Corrosion Refining of metals
AUGUST	**SEPTEMBER**	**OCTOBER**
Ch-3 Metals and non-metals Non-metals Properties of Ionic metals Some common alloys and their utilities	HALF YEARLY EXAMS	Ch-4 Carbon and its components Homologous series Chemical properties of carbon compounds Substitution reactions Addition reactions
NOVEMBER	**DECEMBER**	**JANUARY/ FEBRUARY**
Ch-4 Carbon and its components Soaps and synthetic detergents Advantages of detergents over soaps Cleansing action of soaps and detergents Uses of diamond	Ch-5 Periodic classification of elements Atomic size Valiancy Earlier attempts to classify elements Non-metallic character	**Revision** **MARCH** **Annual Exams**