



SAINT JOHN'S ACADEMY, ALLAHABAD
SYLLABUS 2017-2018
CLASS IX

NOTE: Final Exam includes the entire years syllabus in all subjects.

ENGLISH LANGUAGE -

Book - Total English 9 ICSE (Morning Star)

Month	<u>Quarterly</u>
April	Compositions:- Descriptive (Assign. Pg. 74 Ques. No. 1 c)
April	Notice Writing (Assign. a Pg. 20)
April	Letter Writing: Informal - Friends (Assign Q. No. 1 pg. 46)
April	Time & Tenses 1 (Assign. Pg. 70)
April	Time & Tenses 1 (Assign. Pg. 81 - 84)
April	Comprehension Passage (Assign Q4. Pg. 63)
May	Email Writing (Assign. B Pg. 20)
May	Narrative (Assign. Pg. 47 Ques. No. 2 d)
May	Letter Writing: Formal - To the editor (Assign Q. No. 2 b Pg. no. 62)
May	Prepositions (Assign. (114, 115, 116)
May	Sequence of Tenses (Assign pg. 99)
July	Active and Passive Voice (Assign pg. 145)
July	Picture Composition: (Assign Q. No. 1 c Pg. 62)
July	Interchange of Sentences (Assignment Pg. 9 & 10)
Month	<u>Half Yearly</u>
August	Composition: Argumentative (Assign Q 1. B Pg. 47)
August	Comprehension Passage (Assign Pg. 104)
August	Letter: Informal - To the parents (Assign Q.No. 2 pg. 46)
August	Direct & Indirect (Assign Pg. 131 - 132)
August	Agreement of Verb with the subject (Assign. Pg. 55)
Sept.	Story writing- Opening sentences or phrases (Assign Q1 (a) Pg. (2)
Sept.	Letter: Formal - To any government official/ high authorities (Assign. 2 (b) Pg. 74)
Sept.	Composition: Imaginative
Sept.	Degree of Comparison (Assign Pg. 231 - 232)

Oct.	Synthesis of Sentences (Assign Pgs. 9 & 10)
Month	<u>Finals</u>
Nov.	Factual Writing (Assign Pg. 204 Q. 1)
Nov.	Conditional Sentences (Assign. Pgs. 185 - 187)
Nov.	Comprehension Passage (Assign. Q.no. 4 Pg.138)
Dec.	Transformation of Sentences - 1 (Assign Pgs. 156 - 157)
Jan.	Transformation of Sentences - 2 (Assign Pg. 170)
Jan.	Letter: Formal (To the Principal - leave application/ explanation)
Jan.	Autricles (Asssign. Pg. 38)

ENGLISH LITERATURE -

1) Merchant Of Venice (Beeta Publications)

2) Treasure Trove - A collection of ICSE Poems and Short Stories (Evergreen Publications)

Month	<u>Quarterly</u>
April	Play: Act 1 Scene 1
April	Poetry: The Heart of the Tree
May	Poetry: The cold within
May	Prose: The old man at the Bridge
July	Play: Act 1 Scene 2
July	Prose: Cheif Seattle's Speech
Month	<u>Half yearly</u>
August	Play: Act 1 Scene 3
August	Poetry: The Bangle Sellers
Sept.	Play: Act 2 Scene 1 & 2
Sept.	Poetry: After Blenheim
Sept.	Prose: A horse and Two goats
Oct.	Play: Act 2 Scene 3 & 4
Oct.	Prose: Hearts and hands
Month	<u>Finals</u>
Dec.	Play: Act 2 Scene 5, 6 & 7
Dec.	Poetry: Television
Dec.	Prose: A face in the dark

Jan.	Play: Act 2 Scene 8 & 9; Act 3 Scene 1
Jan.	Poetry: Daffodils
Feb.	Prose: An Angel in Disguise

MATHEMATICS -

ICSE Foundation Mathematics for Class IX By R.S. Agarwal (Goyal Brothers Prakashan)

Month	<u>Quarterly</u>
April	Expansion, Factorisation, Indices
April	Co-ordinate Geometry (Graph only)
May	Pure Arithmetic
May	Commercial Arithmetic
July	Triangles
July	Pythagoras Theorem
Month	<u>Half Yearly</u>
August	Simultaneous Linear Eq ^{ns} ; Logarithms
Sept.	Mid - pt. Theorem
Sept.	Chord and Arc properties
Sept.	Circle
October	Trigonometry (full)
October	Statistics (full)
Month	<u>Finals</u>
Dec.	Mensurations
Jan.	Rectilinear fig. (full with construction)
Jan.	Quadrilaterals, Area of gm and Δ s
Jan.	Co-ordinate Geometry (distance formula only)

PHYSICS -

Concise Physics Vol. 1 (Selina Publications)

Month	<u>Quarterly</u>
April	Measurements & Experiments
April	Practicals: Determination of volume of a wooden cubical block using vernier Calliper.
April - May	Motion in One Dimension
April - May	Practicals: Determination of diameter of a given piece or wire using Screw Gauge.
July	Laws of motion
July	Practicals: Determination of 'g' using a Simple Pendulum
Month	<u>Half Yearly</u>
August	Uphrust & Archimede's principle

Sept.	Pressure in fluids
Sept.	Practical: Determination of volume of a given bob using water level in a measuring cylinder.
October	Light
	Practical: Proving $\angle i = \angle r$ (reflection law) using a plane mirror
Month	<u>Finals</u>
Nov.	Heat & Energy
Dec.	Energy Flow & Conservation of Resources
Dec.	Practical: Demonstration of a simple electric circuit & its components.
Dec.	Sound
Jan.	Electricity & Magnetism

**CHEMISTRY -
Concise Chemistry Vol. 1 (Selina Publications)**

Month	<u>Quarterly</u>
April	The language of Chemistry Practical: Effect of heat on given substances
May	Chemical changes and reactions Practical: Effect of dil. H_2SO_4 and identification of ions
July	Water
	<u>Half Yearly</u>
August	Atomic Structure and Chemical bonding Practical: Simple experiments based on hard & soft water.
Sept.	The Periodic Table
Sept. - Oct.	Study of the first element - Hydrogen
	<u>Finals</u>
Nov.	Study of gas laws Practical: Flame test to identify the metal.
Jan.	Atmospheric Pollution

**BIOLOGY -
Nootan ICSE Biology Class IX (Nageena Prakashan)**

Month	<u>Quarterly</u>
April - May	1. The cell 2. Tissue
May - July	3. Flower 4. Pollination 5. Fertilization
April - July	Practical : (I) Observation of plant cell and animal cell under the microscope. (ii) Identification of parts of a flower.
Month	<u>Half Yearly</u>

August	6. Germination of seeds 7. Respiration in plants
Sept.	8. Five kingdom Classification 9. Economic Importance of bacteria 10. Economic importance of Fungi
October	11. Nutrition
Aug - Oct.	Practical : (I) Examination, identification, drawing and labelling the parts of a seed. (ii) Identification of sugar, starch, protein and fat through relevant tests.
Month	<u>Finals</u>
Nov. - Dec.	12. Teeth. 13. Digestive system 14. Movement and locomotion 15 Structure & function of skin 16. Respiratory system
Jan.	17. Health and hygiene, Aids to health, Health org. 18. Waste generation and management
Nov. - Jan.	Practical: (I) identification of the following organs: lungs and skin (ii) Observation of bones of human skeletal system through model. (iii) Classification of the animals into chordata & Non - chordata

GEOGRAPHY -

A Text Book of ICSE Geography Part - 1 (Goyal Brothers Prakashan)

<u>Month</u>	<u>Quarterly</u>
April	Our World - Earth as a planet
April	Geographical grid
April	Rotation and revolution
May	Structure of the Earth - Earth's structure
May	Landforms of the earth
May	Map work (World) Natural Regions of the world, water bodies, Gulfs,
July	Structure of the Earth - Rocks
July	Weathering and Denudation
<u>Month</u>	<u>Half Yearly</u>
August	Structure of the Earth - Volcanoes
August	Earthquakes
Sept.	Hydrosphere - Tides
Sept.	Ocean Currents
Sept.	Atmosphere - Composition and structure of atmosphere
October	Isolation
October	Atmospheric pressure and winds

October	Humidity
October	Map work (World) Natural Regions of the world, water bodies, Gulfs, Mountains, Plateaus, Volcanic and earthquake belts)
Month	<u>Finals</u>
Dec.	Pollution - Types of Pollution
Dec.	Sources
Dec.	Effect
Dec.	Preventive Measures
Dec. - Jan.	Natural Regions of the World

**HISTORY & CIVICS -
Comprehensive History & Civics for ICSE Class 9 (Frank Educational Aids)**

Month	Quarterly
April	Our Constitution
April	The Harappan Civilization
April	The Vedic Period
May	Jainism and Buddhism
July	The Mauryan Empire
July	The Sangam Age
Month	Half Yearly
August	Elections
August & Sept.	Medieval India
October	The Age of the Guptas
Month	<u>Finals</u>
Nov. - Dec.	Local Self Government
Dec. & Jan.	The Modern Age in Europe

**COMPUTER APPLICATIONS -
Computer Applications Class IX (Dhanpat Rai and Co.)**

Month	Quarterly
April	Introduction to OPP concepts
May	Elementary Concepts of Objects & Classes
July	Values & data Types; Operation in Java; Conditional Constructs, Introduction to loop
Month	<u>Half Yearly</u>
August	Input in Java; Non Nested Loops(Iteration constructs in Java)
Sept.	Mathematical Library Functions

October	Assignment
Month	<u>Finals</u>
Nov.	Nested for Loops
Dec.	Strings
Jan.	Computing and Ethics

**COMMERCIAL APPLICATIONS -
Commercial Applications Class IX (Goyal Brothers Prakashan)**

Month	Quarterly
April	Introduction to Commercial Organisations
April	Sole Proprietorship & Joint Hindu Family Business
May	Partnership
July	Joint Stock Company
Month	<u>Half Yearly</u>
August	Co-operative Society
August	Public Sector Enterprise
Sept.	Communication In a Commercial Organisation
Sept.	Ways of Communication
Oct.	Tools of Communication
Month	<u>Finals</u>
Nov.	Nature & Terminology of Accounting
Dec.	Accounting Records
Jan.	Natural Resources
Feb	Depletion of Resources

HINDI

Quarterly

1- <u>laf{klr dgkfu;kj</u>	
April	ckr vBUuh dh ¼lqn" kZu½
May	dkdh ¼fl;kjke "kj.k xqlr½
2- <u>in~; Hkx</u>	
April	Lkk[kh ¼dchj nkl½
May	dqMfy;kj ¼fxfj/kj dfojk;½
3- <u>fgUnh O;kdj.k</u>	
April	rn~Hko rRle] foykse i= & vkSipkfjd i=A
May	i;kZ;okph] eggkojs] "kq) #i i= & vukSipkfjd i=A
July	Hkkookpd laKk] okD; ifjorZu eggkojs] fo"ks'k.k
April, May, July	fucU/k & fofHkUu fo'k;ksa ls IEcfU/krA
	vifBr x ka" k

Half Yearly

1- <u>laf{klr dgkfu;kj</u>

August	egk;K dk iqjLdkj ¼;"kiky½
September	usrk th dk p"ek ¼Lo;a izdk"k½
2- in~; Hkkx	
September	LoxZ cuk ldrs gS ¼jke/kkjh flag ^fnudj*½
October	og tUe Hkwfe esjh ¼lksgu yky f}osnh½
3- fgUnh O;kdj.k	
August	foykse
September	i;kZ;okph] eqgkojs] fo"ks'k.k i= & vkSipkfjd i=A
October	Hkkookpd laKk] okD; ifjorZu i= & vukSipkfjd i=A
Aug., Sept., Oct.	fucU/k & fofHkUu fo'k;ksa ls IEcfU/krA
Aug., Sept., Oct.	vifBr x ka"k

Finals

1- laf{klr dgkfu;kj	
December	viuk & viuk HkkX; ¼tSusaUæ dqekj½
January	cM+s ?kj dh csVh ¼izse pan½
2- in~; Hkkx	
December	es?k vk, ¼losZ"oj n;ky IDlsuk½
January	lwj ds in ¼lwjnk½
3- fgUnh O;kdj.k	
December	foykse] i;kZ;okph] eqgkojs i= & vkSipkfjd i=A
January	fo"ks'k.k
February	Hkkookpd laKk] okD; ifjorZu i= & vukSipkfjd i=A
Dec., Jan, Feb.	fucU/k & fofHkUu fo'k;ksa ls IEcfU/krA
Dec., Jan, Feb.	vifBr x ka"k

Apr- Nov.	SUPW
HALF YEARLY & FINALS	Tie - Dye Dupattas Curtains; Table Cloth; Bed sheets (Per student choice) Paintings - will be made as cards

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