



THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI
CURRICULAR INTEGRATION FOR CLASS- XII(2019-20)

Science

TERM I
MARCH

<p><u>English Core301</u> Prose: The Last Lesson Poetry: My Mother at 66; Writing Skills: ---Letter Writing</p>	<p><u>CLASS TEST SCHEDULE</u> 2nd week : The Last Lesson 4th week : Letter Writing</p>	<p><u>Physics (042)</u> CHAPTER 1 : Electric charges and Field CHAPTER 2: Electric potential and capacitance</p>	<p><u>CLASS TEST SCHEDULE</u> Ch1: 2nd week Ch2 :4th week</p>
<p><u>Economics (030)</u> Ch-1 Introduction (part-A)</p>	<p><u>CLASS TEST SCHEDULE</u> 2nd & 4th week</p>	<p><u>Chemistry (043)</u> Ch II: Solution Ch III: Electrochemistry</p>	<p><u>CLASS TEST SCHEDULE</u> Ch II: 2nd week</p>
<p><u>Biology (044)</u> Ch-1 Reproduction in Organisms. Ch 13-Organisms & Poplations Ch 14 Environmental issues</p>	<p><u>CLASS TEST SCHEDULE</u> 2nd & 4th week</p>	<p><u>Informatics Practices (065)</u> Ch1:Computer Networking Ch2:OpenSource Concepts</p>	<p><u>CLASS TEST SCHEDULE</u> Ch 1 : 2nd & 4th week</p>
<p><u>Mathematics(041)</u> Ch-3 Matrices Ch.4 Determinants</p>	<p><u>CLASS TEST SCHEDULE</u> 3rd Week : Matrices 4th Week:Determinants</p>	<p><u>Physical Education(048)</u> Ch.1 Planning in sports</p>	<p><u>CLASS TEST SCHEDULE</u> Ch 1: 3rd week</p>



THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI
CURRICULAR INTEGRATION FOR CLASS- XII (2019-20)

Science
TERM I
APRIL

<p><u>English Core (301)</u> Prose: Lost Spring Poetry: -an elementary school classroom in a slum Supplementary: The Tiger King Vistas: The 3rd Level Writing Skills: Letter Writing</p>	<p><u>CLASS TEST SCHEDULE</u> 2nd week : 1. Lost Spring 2. An Elementary Classroom in a slum 4th week : The Tiger King Vistas: The 3rd Level</p>	<p><u>Physics (042)</u> CHAPTER 3 : Current Electricity CHAPTER 8 : Electromagnetic waves</p>	<p><u>CLASS TEST SCHEDULE</u> Ch 3 : 2nd week Ch 4 : 4th week</p>
<p><u>Economics (030)</u> Ch-1 Introduction (part-A) cont... Ch-5 National income and related aggregates (part-B)</p>	<p><u>CLASS TEST SCHEDULE</u> Ch 1 : 2nd week Ch 2: 4th week</p>	<p><u>Chemistry (043)</u> Ch III: Electrochemistry Ch IV : Chemical Kinetics</p>	<p><u>CLASS TEST SCHEDULE</u> Ch III: 2nd week Ch IV :4th week</p>
<p><u>Biology(044)</u> Chapter15-Biodiversity and Conservation. Ch 16-Environmental issues</p>	<p><u>CLASS TEST SCHEDULE</u> Ch 6 : 2nd week Ch 10: 4th week</p>	<p><u>Informatics Practices (065)</u> Ch 3:GUI programming- Review -1</p>	<p><u>CLASS TEST SCHEDULE</u> Ch 3 : 2nd week & 4th week</p>

<p><u>Mathematics(041)</u></p> <p>Ch.2 Inverse Trigonometric Functions Ch.5 Relations and Functions</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p>Ch 2: 2rd Week Ch 5: 4th Week:</p>	<p><u>Physical Education(048)</u> Ch.2 Sports and Nutrition</p>	<p><u>CLASS TEST SCHEDULE</u> <u>4th week</u> Ch 2: 2rd Week</p>
--	--	--	---

LEXICO.COM



THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI
CURRICULAR INTEGRATION FOR CLASS- XII (2019-20)

Science

TERM I

MAY

<p align="center"><u>English Core (301)</u> Prose: Deep Water Writing Skills: Factual Description</p>	<p align="center"><u>CLASS TEST SCHEDULE</u> 2nd week - Deep Water 4th week - Article , Report.</p>	<p align="center"><u>Physics (042)</u> CHAPTER 8 : Electromagnetic waves</p>	<p align="center"><u>CLASS TEST SCHEDULE</u> Ch 8: 1st week</p>
<p align="center"><u>Economics (030)</u> Ch-5 National income and related aggregates (part-B) cont.</p>	<p align="center"><u>CLASS TEST SCHEDULE</u> Ch 5 : 2nd & 4th week</p>	<p align="center"><u>Chemistry (043)</u> Ch IV: Chemical Kinetics</p>	<p align="center"><u>CLASS TEST SCHEDULE</u> Ch IV: 2nd week</p>
<p><u>Biology</u> <u>Ch 16-Environmental Issues (contd)</u></p>	<p align="center"><u>CLASS TEST SCHEDULE</u> Ch 10 2nd & 4th week</p>	<p align="center"><u>Informatics Practices (065)</u> Ch 3: GUI programming - Review 1</p>	<p align="center"><u>CLASS TEST SCHEDULE</u> Ch 3 : 4th week</p>

<p><u>Mathematics(041)</u></p> <p>Ch.5 Relations and Functions</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p>Ch 5 : 1st Week</p>	<p><u>Physical Education(048)</u></p> <p>Games Rules and Regulations</p>	
---	--	---	--



THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI
CURRICULAR INTEGRATION FOR CLASS- XII (2019-20)

Science

TERM I
JUNE

<p><u>English Core (301)</u></p> <p>Poetry: Keeping Quiet Supplementary: The Enemy Prose: The Rattrap</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p>2nd week : 1. Keeping Quiet, Prose: The Rattrap</p> <p>4th week : The</p>	<p><u>Physics (042)</u></p> <p>CHAPTER 9 :RAY OPTICS CHAPTER 10 : WAVE OPTICS</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p>2nd week Ch4 Ch 5 : 2nd week Ch 6: 4th week</p>
--	--	---	--

Writing Skills: Article & Report	Enemy, Writing Skills		
<u>Economics (030)</u> Ch-2 consumer equilibrium and demand (part-A)	<u>CLASS TEST SCHEDULE</u> Ch 2 : 2 nd & 4 th week	<u>Chemistry (043)</u> Ch V: Surface Chemistry Ch VI: General Principles and Processes of Isolation of Elements	<u>CLASS TEST SCHEDULE</u> Ch V: 2 nd week Ch VI: 3 rd week
Biology(044) Unit 2 Ch 5-Principles of Inheritance & Variation CH 6-Molecular basis of Inheritance Ch 7-Evolution	<u>CLASS TEST SCHEDULE</u> Ch VI : 2 nd & 4 th week	<u>Informatics Practices (065)</u> Ch 4,5 : GUI programming -A review 2,3 Ch 6: More About Classes and Libraries	<u>CLASS TEST SCHEDULE</u> Ch 5: 2 nd & 4 th week
<u>Mathematics(041)</u> Ch.5 Continuity and differentiability. Ch.6 Application Of Derivatives	<u>CLASS TEST SCHEDULE</u> Ch 5 : 3 rd Week Ch 6 : 1 st Week	<u>Physical Education(048)</u> Ch.3 Yoga and Lifestyle	<u>CLASS TEST SCHEDULE</u> Ch3: 4 th week



THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI
CURRICULAR INTEGRATION FOR CLASS- XII (2019-20)

Science

TERM I
JULY

<p><u>English Core (301)</u> Prose: Indigo Supplementary: Should Wizard Hit Mommy, Journey to the end of the Earth Poem: Road Side Stand Writing Skills: Advertisements</p>	<p><u>CLASS TEST SCHEDULE</u> 2nd week : Should Wizard Hit Mommy 4th week : Writing Skills: Advertisements , Notice.</p>	<p><u>Physics (042)</u> CHAPTER 4 : MOVING CHARGES AND MAGNETISM CHAPTER 5 : MAGNETISM AND MATTER</p>	<p><u>CLASS TEST SCHEDULE</u> Ch5 : 2nd week Ch 7 :4th week</p>
<p><u>Economics (030)</u> Ch-6 Money and banking (part-B) Ch-8 government budget and economy (part-B)</p>	<p><u>CLASS TEST SCHEDULE</u> Ch 6 : 2nd week Ch 8 4th week</p>	<p><u>Chemistry (043)</u> Ch X: Haloalkanes and Haloarenes Ch XI: Alcohols, Phenols, Ethers</p>	<p><u>CLASS TEST SCHEDULE</u> Ch X: 2nd week Ch XI: 4th week</p>
<p><u>Biology(044)</u> Ch-7 Evolution (Conti) Ch-11 Biotechnology principles and processes Ch-12 Biotechnology and its</p>	<p><u>CLASS TEST SCHEDULE</u> Ch 10 : 2nd & 4th week</p>	<p><u>Informatics Practices (065)</u> Ch 7: Inheritance and Polymorphism Ch 8: Database Connectivity Ch 9: Web Applications</p>	<p><u>CLASS TEST SCHEDULE</u> Ch 7 : 2nd week Ch 8 : 4th week</p>

application Practical: Part:I Exp-2.1, Exp- 2.2 , Exp 4.1			
--	--	--	--



THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI
CURRICULAR INTEGRATION FOR CLASS- XII (2019-20)

Science
TERM I
AUGUST

<p><u>English Core (301)</u></p> <p>Poetry: A Thing of Beauty Supplementary: On the face of it</p> <p>Prose: Poets & Pan Cakes Writing Skills: Formal Invitations & Replies</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p><u>2nd week</u> : A Thing of Beauty <u>4th week</u> : On the face</p>	<p><u>Physics (042)</u></p> <p>CHAPTER 6 : ELECTROMAGNETIC INDUCTION</p> <p>CHAPTER 7 : ALTERNATING CURRENT</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p>Ch6 : 3rd week Ch7 : 4th week</p>
<p><u>Economics (030)</u></p> <p>Ch-3 producer behaviour and supply (part-A) Ch-9 balance of payment (part-B)</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p>Ch 3: 2nd week Ch 9: 4th week</p>	<p><u>Informatics Practices (065)</u></p> <p>Chapter 10-12:HTML and XML</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p>Ch 7 : 2nd week Ch 8: 4th week</p>
<p><u>Biology(044)</u></p> <p>Ch-12 Biotechnology and Its Applications (Conti) Ch- 2 Sexual Reproduction in flowering plants Ch-3 Human Reproduction Practical: Part-I: Exp-4.3,Exp-6.1 , Exp-7.1</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p>Ch VII : 2nd week Ch IX: 4th week</p>	<p><u>Chemistry (043)</u></p> <p>Ch IX: Co-ordination Compounds Ch VIII: d and f Block Elements</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p>Ch IX: 2nd week Ch VIII: 4th week</p>
<p><u>Mathematics(041)</u></p> <p>Ch.8 Application Of Integrals Ch-9 Differential Equations</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p>Ch 8: 4th Week</p>	<p><u>Physical Education(048)</u></p> <p>Ch.6 Women and Sports Ch. 7 Test and measurement in sports Ch. 8 Physiology and sports</p>	<p><u>CLASS TEST SCHEDULE</u></p> <p>Ch 6: 2nd week Ch 7: 4th week</p>



THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI
CURRICULAR INTEGRATION FOR CLASS- XII (2019-20)

Science

TERM I

SEPTEMBER

<p><u>English Core (301)</u> Prose: - The Interview , Going Places Revision</p>	<p><u>CLASS TEST SCHEDULE</u> 2nd week : 1. Indigo 2. A Thing of Beauty 4th Week - 3. On the Face of it, Prose: - The Interview .</p>	<p><u>Physics (042)</u> CHAPTER 11 : DUAL NATURE OF RADIATION AND MATTER CHAPTER 12 : ATOMS</p>	<p><u>CLASS TEST SCHEDULE</u> Ch11: 1st week Ch12: 4th week</p>
<p><u>Economics (030)</u> Ch-4 Forms of market and price</p>	<p><u>CLASS TEST SCHEDULE</u> Ch 4 : 2nd & 4th week</p>	<p><u>Chemistry (043)</u> Ch XII: Aldehydes, Ketones and Carboxylic Acids</p>	<p><u>CLASS TEST SCHEDULE</u> Ch XII: 2nd week Ch XIII: 4th week</p>

determination (part-A)		Ch XIII: Organic Compounds Containing Nitrogen ,Amines Ch VII: p-block elements	
Biology(044) Ch-3 Human Reproduction(Cont) Ch-4 Reproductive health Ch-8 Human Health and Diseases Practical: Part-I: Exp-7.1,Exp- 7.3	<u>CLASS TEST SCHEDULE</u> Ch IX : 2 nd week ChXII : 4 th week	<u>Informatics Practices (065)</u> Ch 13-16 : Database Management system <ul style="list-style-type: none"> ➤ Database Fundamentals ➤ SQL Joins ➤ MySql Revision Tour 	<u>CLASS TEST SCHEDULE</u> Ch 13 : 2 nd week Ch 14: 4 th week
<u>Mathematics(041)</u> Ch-10 Vector Algebra Ch.11 Three Dimensional Geometry	<u>CLASS TEST SCHEDULE</u> Ch 10 : 3 rd Week	<u>Physical Education(048)</u> Ch.9 Sports Medicine Ch. 10 Kinesiology, biomechanics and sports	<u>CLASS TEST SCHEDULE</u> Ch 9: 3 rd week Ch 10: 4 th week



Science

TERM 2

OCTOBER

<p>English Core (301) Prose: Memories of Childhood Poetry: Aunt Jennifer's Tigers Supplementary: Evans tries an O Level Writing Skills: Speech</p>	<p>CLASS TEST SCHEDULE 2nd week : Going Places , Aunt Jennifer's Tigers 4th week : Evans tries an O Level., Memories of Childhood</p>	<p>Physics (042) CHAPTER 13 : NUCLEI CHAPTER 14 : SEMICONDUCTOR ELECTRONICS MATERIALS, DEVICES AND SIMPLE CIRCUITS PRACTICAL: To find focal length of concave mirror To find focal length of convex mirror</p>	<p>CLASS TEST SCHEDULE Ch13: 3rd week</p>
<p>Economics (030) Ch-7 determination of income and employment (part-B)</p>	<p>CLASS TEST SCHEDULE Ch 7 : 2nd & 4th week</p>	<p>Chemistry (043) Ch VII: p-block elements Ch XIV: Bio-molecules Ch XV: Polymers</p>	<p>CLASS TEST SCHEDULE Ch VII: 2nd week Ch XIV: 4th week</p>
<p>Biology(044) Ch-9: Strategies Enhancement in food production Ch-10 Microbes and human welfare Practical: Part II: Exp-12)</p>	<p>CLASS TEST SCHEDULE Ch 8: 2nd week Ch 9: 4th week</p>	<p>Informatics Practices (065) Ch 13-16:MySQL revision tour</p>	<p>CLASS TEST SCHEDULE Ch 15 : 2nd week Ch 16: 4th week</p>

<u>Mathematics(041)</u> Ch 12- Linear Programming Ch.13-Probability	<u>CLASS TEST SCHEDULE</u> Ch 12: 3 rd Week Ch 13 : 4 th week	<u>Physical Education(048)</u> Ch.11 Psychology in sports Ch. 12 Training in sports	<u>CLASS TEST SCHEDULE</u> Ch 11: 2 nd week Ch 12: 4 th week
--	--	--	---



Science**TERM 2**
NOVEMBER

<p align="center"><u>English Core (301)</u></p> <p>Literature : Revision Writing Skills: Revision</p>	<p align="center"><u>CLASS TEST SCHEDULE</u></p> <p>2nd week : Memories Of Childhood 4th week : Article , Speech: Note Making and Summary.</p>	<p align="center"><u>Physics (042)</u></p> <p>REVISION</p>	<p align="center"><u>CLASS TEST SCHEDULE</u></p> <p>Ch15 :1st week</p>
<p align="center"><u>Economics (030)</u></p> <p>Ch-7 determination of income and employment (part-B) cont.</p>	<p align="center"><u>CLASS TEST SCHEDULE</u></p> <p>Ch 7: 2nd & 4th week</p>	<p align="center"><u>Chemistry (043)</u></p> <p>Ch XVI: Chemistry in Everyday Life REVISION</p>	<p align="center"><u>CLASS TEST SCHEDULE</u></p> <p>Ch XVI: 4th week</p>
<p align="center"><u>Biology(044)</u></p> <p>Revision</p>	<p align="center"><u>CLASS TEST SCHEDULE</u></p> <p>Ch VIII: 2nd & 4th week</p>	<p align="center"><u>Informatics Practices (065)</u></p> <p>Ch 17: IT Applications & REVISION</p>	<p align="center"><u>CLASS TEST SCHEDULE</u></p> <p>Revision : 2nd & 4th week</p>
<p align="center"><u>Mathematics(041)</u></p> <p>Ch.13- Revision.</p>	<p align="center"><u>CLASS TEST SCHEDULE</u></p> <p>Ch 13 : 2nd</p>	<p align="center"><u>Physical Education</u> <u>(048)</u></p> <p>Revision</p>	