

SCIENCE**CLASS : XII****SUBJECT : ENGLISH - I****Book :****Publication :**

Month	Lesson No.	Lesson Title	Page No.
April	L. - 35-38	Reflective Essays	92 - 96
	L. - 82, 83	Descriptive Essays	158 - 160
	L. - 117-119	Argumentative Essays	209 - 212
	L. - 12, 13	Report Writing	268 - 269
	L. - 1, 2	Grammar	317 - 329
May	L. - 39-42	Reflective Essays	98 - 102
	L. - 84, 85	Descriptive Essays	161 - 162
	L. - 120-122	Argumentative Essays	214 - 217
	L. - 14, 15	Report Writing	270 - 271
	L. - 3, 4	Grammar	332 - 336
June	L. - 43-46	Reflective Essays	103 - 107
	L. - 86, 87	Descriptive Essays	163 - 166
	L. - 123-125	Argumentative Essays	219 - 222
	L. - 16, 17	Report Writing	272 - 273
	L. - 5, 6	Grammar	340 - 348
July	L. - 47-50	Reflective Essays	108 - 111
	L. - 88, 89	Descriptive Essays	167 - 169
	L. - 126-128	Argumentative Essays	223 - 226
	L. - 18, 19	Report Writing	274 - 275
	L. - 7-9	Grammar	359 - 368
August	L. - 51-54	Reflective Essays	113 - 117
	L. - 90, 91	Descriptive Essays	170 - 172
	L. - 129-131	Argumentative Essays	227 - 230
	L. - 20, 21	Report Writing	276 - 277
	L. - 10-12	Grammar	371 - 386
Sept.	1st Term Examination		
Oct.	L. - 55-58	Reflective Essays	118 - 124
	L. - 92, 93	Descriptive Essays	173 - 175
	L. - 132-134	Argumentative Essays	231 - 234
	L. - 140-142	Short Stories	243 - 245
	L. - 22	Report Writing	278
	L. - 13, 14	Grammar	396 - 403

Nov.	L. - 59 - 62 L. - 94 L. - 135-137 L. - 15, 16	Reflective Essays Descriptive Essays Argumentative Essays Grammar	125 - 130 176 - 177 236 - 239 413 - 431
Dec.	Revision		
Jan.	Revision		

EXAMINATION PORTION

Term Examination	Lesson No. & Title	
First Term Examination	Reflective Essays Descriptive Essays Argumentative Essays Report Writing Grammar (L - 11 - 16)	The topics Covered Till September
Second Term Examination (1st Preliminary)	Reflective Essays Descriptive Essays Argumentative Essays Report Writing Grammar (L - 11 - 16)	The topics Covered Till September
Annual Exam (Second Preliminary)	Reflective Essays Descriptive Essays Argumentative Essays Report Writing Grammar (L - 11 - 16)	Entire Syllabus

PAPER PATTERN

Term Examination	Type of Question & Marks
First Term Examination	As per ISC Pattern
Second Term Examination (1st Preliminary Exam)	As per ISC Pattern
Annual Exam (Second Preliminary Exam)	As per ISC Pattern

CLASS : XII**SUBJECT : ENGLISH - II (Literature)****Book :** The Tempest (Drama)**Publication :** Evergreen

Echoes (Short Stories), Reverie (Poems)

Month	Lesson No.	Lesson Title	Page No.
March	Lesson - 6	The Chinese Statue	58
April	Act - III Scene I	Before prospero's cell	
	Lesson - 7	A Gorilla in the gust room	72
	Lesson - 6	John Brown	17
May	Act III Scene II	Another Part of the island	
	Lesson - 7	A Gorilla in the guest room	72
	Lesson - 7	Desiderata	22
June	Act III Scene II	Another Part of the island	
	Lesson - 8	The Singing Lesson	
	Lesson - 7	Desderata	22
July	Act III Scene III	Another Part of the island	
	Lesson - 8	The Singing Lesson	90
	Lesson - 8	Dover Beach	25
August	Act IV Scene I	Before Prospero's Cell	
	Lesson - 9	The Sound Machine	98
	Lesson - 8	Dover Beach	25
Sept.	Act - IV Scene - I	Before Prospero's Cell	
	Lesson - 9	The Sound Machine	98
Oct.	Act V Scene I	Before Prospero's Cell	
	Lesson - 10	Words worth	115
	Lesson - 9	The spider and the Fly	28
Nov.	Act V Scene I	Before Prospero's Cell	
	Lesson - 10	Words worth	115
	Lesson - 10	We are the music makers	31
Dec.	1st Term Examination		

Jan.	1st Preliminary Exam
Feb.	2nd Preliminary Exam

PAPER PATTERN

Term Examination	Type of Questions & Marks
First Term Examination	As per the ISE Pattern
Second Term Examination (1st Preliminary Exam)	As per the ISE Pattern
2nd Preliminary Exam	As per the ISE Pattern

PAPER PATTERN

Term Examination	Lesson No. & Title
First Term Examination	Act. I, III (Drama) Lesson 1 : Salvatore (Short Stories) Lesson 6 : The Chinese Statue (Short Stories) Lesson 7 : A Gorilla in the Guest Room Lesson 1 : The Darkling Through (poem) Lesson 6 : John Brown (Poem) Lesson 7 : Desiderata (Poem)
First Preliminary Exam	Act. I, II, IV (Drama) Lesson 2 : Fritz (Short Stories) Lesson 3 : Quality (Short Stories) Lesson 8 : The singing Lesson (Short Stories) Lesson 2 : Birches (Poem) Lesson 3 : The Dolphins (Poem) Lesson Dover Beach (Poem)
2nd Preliminary Exam	Act I, II, III, IV, V Lesson : 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 (Short Stories) Lesson : 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 (Poem)

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अप्रैल	गद्य संकलन गद्य संकलन काव्य मंजरी काव्य मंजरी आषाढ़ का एक दिन	पुत्र - प्रेम गौरी साखी बाल लीला नाटक का परिचय (समीक्षात्मक)	5 - 12
मई	गद्य संकलन काव्य मंजरी	शरणागत एक फुल की चाह	24 - 32 9 - 13
जून	गद्य संकलन काव्य मंजरी आषाढ़ का एक दिन	सती आ: धरती कितना देती है आषाढ़ का एक दिन (मुल्यांकन)	33 - 42 14 - 17 116 - 119
जुलाई	गद्य संकलन गद्य संकलन काव्य मंजरी काव्य मंजरी आषाढ़ का एक दिन	आउट साइडर दासी नदी के द्वीप तुलसीदास के पद प्रथम अंक प्रारंभ	43 - 52 53 - 70 18 - 19 20 - 21
अगस्त	गद्य संकलन गद्य संकलन काव्य मंजरी काव्य मंजरी आषाढ़ का एक दिन	क्या निराश हुआ जय भक्तिन जाग तुझे दूर जाना है उद्यमी नर प्रथम अंक (पुर्ण)	71 - 77 78 - 90 22 - 23 24 - 25

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सितम्बर	गद्य संकलन काव्य मंजरी	पाठ - 1, 2, 3, 4, 5 (पुनरावृत्ति) पाठ - 1, 2, 3, 4, 5 (पुनरावृत्ति)	5 - 90 5 - 23
अक्टूबर	गद्य संकलन काव्य मंजरी आषाढ़ का एक दिन	संस्कृति क्या है? बादल का घिरते देखा है द्वितीय अंक (प्रारंभ)	91 - 97 26 - 29 50 - 86
नवम्बर	गद्य संकलन काव्य मंजरी आषाढ़ का एक दिन	मजबूरी अँधेरे का दीपक तृतीय अंक (प्रारंभ से पूर्ण)	98 - 112 30 - 32 87 - 122

	Examination Portion / Lesson No & Title
First Term Exam गद्य संकलन काव्य मंजरी आषाढ़ का एक दिन	पुत्र - प्रेम, गौरी, शरणागत, सती साखी, बाललीला, एक फूल की चाह, आ: धरती कितनी देती है नाटक का परिचय, नाटककार का परिचय, नाटक का मुल्यांकन
First Praliane गद्य संकलन काव्य मंजरी आषाढ़ का एक दिन	आउट साइडर, दासी, क्या निराश हुआ जाय, भक्तिन । नदी के द्वीप, तुलसीदास के पद, जाग तुझको दूर जाना है, बादल को घिरते देखा है । प्रथम अंक से संबंधित एवं First Term के Portion

Second Praliane	
गद्य संकलन	प्रथम पाठ से दशम् पाठ तक । (सम्पूर्ण किताब)
काव्य मंजरी	प्रथम पाठ से दशम् पाठ तक । (सम्पूर्ण किताब)
आषाढ का एक दिन	प्रथम, द्वितीय एवं तृतीय अंक । (सम्पूर्ण किताब)

Paper Pattern (प्रश्न - प्रारूप)

- * निबंध - 20 अंक (अति दीर्घ उत्तरीय)
- * अपठित गद्यांश - 20 अंक (लघु उत्तरीय)
- * व्याकरण - 10 अंक (वस्तुनिष्ठ/अति लघु उत्तरीय)
- * पाठ्य पुस्तकीय प्रश्नोत्तर - 50 अंक (दीर्घ, लघु एवं वस्तुनिष्ठ उत्तरीय)
- * ध्यातव्य : छात्र स्मरण रखें कि उपर बताए गए अंक प्रारूप के अनुसार ही

First Term, First Praline एवं **Second Praline** के प्रश्न पत्र होंगे ।

Month	Lesson No.	Lesson Title	Page No.
April	1	Relations	1.1 - 1.14
	2	Function	2.1 - 2.32
	3	Binary Operations	3.1 - 3.17
	4	Inverse Trigonometric Functions	4.1 - 4.49
May	5	Determinants	5.1 - 5.43
	6	Matrices	6.1 - 6.93
June	7	Continuity and Differentiability of Function	7.1 - 7.44
	8	Differentiation	8.1 - 8.76
	9	Indeterminate Forms.	9.1 - 9.19
July	10	Mean Value theorem	10.1 - 10.18
	11	Application of Derivatives	11.1 - 11.40
	12	Maxima and Minima	12.1 - 12.50
August	13	Indefinite Integral -1 (Standard forms)	13.1 - 13.19
	14	Indefinite - Integral - 2 (Methods of integration)	14.1 - 14.37
	15	Indefinite integral - 3 (special integrals)	15.1 - 15.53
Sept.	16	Revision (1st Terminal Exam) Definite Integrals	16.1 - 16.54
Oct.	17	Differential equations	17.1 - 17.58
	18	Probability (laws of probability)	18.1 - 18.62
	19	Baye's theorem	19.1 - 19.24
	20	Theoretical Probability Distribution	20.1 - 20.40
Nov.	21	Vectors	21.1 - 21.28
	22	Vectors (continued)	22.1 - 22.63
	23	Three - Dimensional Geometry	23.1 - 23.54
	24	The Plane	24.1 - 24.58
	25	Application of Integrals (Areas of a curve)	25.1 - 25.46
Dec.	First Prelims		
Jan.	Second Prelims		

PAPER PATTERN

Term Examination	Lesson No. & Title
First Term Examination	Section - A : (80 Marks) Section - B : (20 Marks) ISC - Pattern Chapter No. : 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
Second Term Examination 1st Prelims	Whole Book ISC - Pattern Section - A : (80 Marks) Section - B : (20 Marks)
Annual Examination 2nd Prelims	Whole Book ISC - Pattern Section - A : (80 Marks) Section - B : (20 Marks)

Month	Lesson No.	Lesson Title	Page No.
April	Unit - 1 1 - 5	Electrostatics	3 - 225
May	Unit - 2 6 - 10	Current Electricity	229 - 432
June	Unit - 3 11 - 13	Magnetism	435 - 512
July	Unit - 4 14 - 19	Electromagnetism	515 - 700
	Unit - 5 20	Alternating Current Circuit	703 - 788
August	Unit - 6 21 - 24	Wave optics	791 - 916
Sept.	Unit - 8 29 - 31	Electrons & photons	1085 - 1155
Oct.	Unit - 7 25 - 28	Ray optics & optical Instruments	919 - 1081
	Unit - 9 32 - 33	Electronics & Photons	1159 - 1204
Nov.	Unit - 10 34 - 36	Nuclei	1207 - 1284
	Unit - 12 37 - 39	Semi conductor devices	1287 - 1404
	Unit - 13 40	Communication systems	1407 - 1440
Dec.	First Preliminary Examination		
Jan.	Second Preliminary Examination		
Feb.	Board Examination		
March	Board Examination		

PAPER PATTERN

Term Examination	Lesson No. & Title
First Term Examination	<p>ISC Examination Patter</p> <p>Part - I (20 Marks)</p> <p>This part will of compulsory short answer questions, testing knowledge application & skills relating to elementary / fundamental aspect of entire syllabus.</p> <p>Part - II (50 Marks)</p> <p>This part will be divided into three section A, B & C. There shall be 6 questions in section A (each carrying 5 marks) and candidates are required to answer & questions from this section. There shall be 4 questions in section B (each carrying 5 marks) & candidates are required to answer 3 questions from this section.</p> <p>There shall be 4 question in Section C (each carrying 5 marks) & candidates are required to answer 3 question from this section.</p> <p>There candidates are expected to answer 10 question in part - II practical - 30 marks.</p> <p>Types of Question</p> <p>Multiple choice question (1 M)</p> <p>Short type question (1 & 2 M)</p> <p>Long type question (3 & 4 M)</p>
1st Term Examination	<ol style="list-style-type: none">1. Electrostatics2. Current Electricity3. Magnetism4. Electromagnetic5. Alternating current circuit6. Wave Optics
First Preliminary Examination	<ol style="list-style-type: none">1, 3, 67. Ray optics & optical instruments8. Electronics & photons9. Electrons & photons10. Nuclei12. Semi conductor devices13. Communication Systems
Second Preliminary	As per ISC pattern (Whole Syllabus)

CLASS : XII (Science)**Book : ISC Chemistry****SUBJECT : Chemistry****Publication : S. Chand**

Month	Lesson No.	Lesson Title	Page No.
April	1 3 PR - 1	Solid State Electrochemistry Titration Oxalic	1 - 1.00 3.1 - 3.170
May	2 4 PR - 3	Solution Chemical Kinetic Rate of Elements	2.1 - 2.140 4.1 - 4.161
June	5 7 PR - 3	Surface Chemistry P-Block Elements	5.1 - 5.82 7.1 - 7.45
July	6 8 9 PR - 4/5/6/7/8	General Principal and Isolation of Elements D-and-F-Block compounds Co-ordination Compounds Haloalkanes and Haloarenes Identification of Organic Compounds	6.1 - 6.90 8.1 - 8.120 9.1 - 9.80 10.1 - 10.85
August	11 14 PR - 9/10/11/12	Alcohol Phenol and Ether Biomolecules	11.1 - 11.102 14.1 - 14.90
Sept.	First Terminal Exam		
Oct.	12 15	Aldehydes Ketones and Carbozylic Acids Polymers	12.1 - 12.148 15.1 - 15.41
Nov.	13 16	Organic compounds containing nitrogen Chemistry in	13.1 - 13.87 16.1 - 16.25
Dec.	First Preliminary Examination		
Jan.	Second Preliminary Examination		

PAPER PATTERN

Term Examination	Lesson No. & Title
First Term Examination	As per ISC Pattern
Second Term Examination	As per ISC Pattern

Annual Examination	As per ISC Pattern
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EXAMINATION

Term Examination	Lesson No. & Title
First Term Examination	1. Soil State 2. Solution 3. Electro Chemistry 4. Chemical Kinetics 5. Surface Chemistry 6. General Principle of Isolation of Elements 7. P-Block elements 8. dsf Block Elements 9. Co-ordination 10. Halo alkanes & Haloarenes
Second Term Examination	All the Chapter (Full Syllabus)
Annual Examination	All the Chapter (Full Syllabus)

Month	Lesson No.	Lesson Title	Page No.
April	1	Reproduction in organisms	1 - 45
	2	Sexual reproduction in flowering plants	46 - 105
	3	Human reproduction	106 - 157
	4	Reproductive health problems and strategies	158 - 182
	Practical	Taxonomy, T.S. Blastula, Gastrula, Germination of PG	
	5	Principles of inheritance and variation	183 - 226
May	6	chromo some sex-linked inheritance & human genetic disorders	227 - 279
	10	Human health and diseases	463 - 541
	Practical	Spotting (Permanent) slide	
June	20	Environmental issues	953 - 1026
	16	Biotechnology & its Applications	700 - 736
	Practical	Whole mount of plasmodium sporozoite entamoeba history tic a trophozoite	
	8	Evolution origin of life	368 - 406
	11	Adolescent Issues Alcoholism and drugs	542 - 567
	9	Theories of Evolution and Evolution of Man	407 - 541
	Practical	To isolate DNA	
	12	Animal Breeding for improvement in food production	568 - 596
	7	Molecular basis of inheritance	280 - 367
	14	Microbes in human welfare	643 - 667
August	Practical	enzume Action	
	Revision		
Sept.			
	13	Plant breeding to enhance food production	597 - 642
	15	Biotechnology principles and processes type	669 - 699
	Practical	Arrangement of stowata in dicot & mono cot	
	17	Organisms and populations	737 - 845
Nov.	18	Ecosystem	846 - 904
	19	Biodiversity and conservation	905 - 952
	Practical	Study of soils.	

Dec.	Revision
Jan.	Revision
Feb.	Revision

EXAMINATION PORTAL

Term Examination	Lesson No. & Title
First Term Examination	1, 2, 3, 4, 5, 6, 20, 16, 10
1st Preliminary Exam	Full Syllabus
2nd Preliminary Exam	1st Preliminary Exam

PAPER PATTERN

Term Examination	Lesson No. & Title
First Term Examination	As per board pattern ISC Part I Do all questions as it 20 Marks Compulsory Part II Sec - A : $7 \times 2 = 14$ Sec - B : $7 \times 3 = 21$ Sec - C : $5 \times 3 = 15$ Total 50 Practical 30
2nd Term Exam	As per board pattern ISC Part I Do all questions as it 20 Marks Compulsory Part II Sec - A : $7 \times 2 = 14$ Sec - B : $7 \times 3 = 21$ Sec - C : $5 \times 3 = 15$ Total 50 Practical 30
3rd Term Exam	As per board pattern ISC Part I Do all questions as it 20 Marks Compulsory Part II Sec - A : $7 \times 2 = 14$ Sec - B : $7 \times 3 = 21$ Sec - C : $5 \times 3 = 15$ Total 50 Practical 30

CLASS : XII**SUBJECT : Computer****Book : Understanding ISC Computer Science****Publication : Arya P. Co.**

Month	Lesson No.	Lesson Title	Page No.
March	1	Propositional Logic	3
April	2	Boolean Algebra	17
	3	Compute Hardware	52
May	4	Object and Classes	99
	5	Primitive Values, type and casting, variables and expression	115
June	6	Conditional Statement and Loops	136
	7	String Manipulations	188
July	8	Arrays : Single and Multidimensional	227
	9	Methods / Function	307
August	10	Class as user - Defined data type,	354
	11	Constructors File operation in JAVA	433
Sept.	First Terminal Exam		
Oct.	12	Inheritance and polymorphism	487
	13	Data Structure	535
Nov.	14	Computational Complexity and Big O Notation	607
Dec.	First Preliminary Exam		
Jan.	Second Preliminary Exam		

Question Pattern as per ISC :**There will be two papers in the subjects :**

Paper I : Theory 3 hours 70 marks

Paper II : Practical 3 hours 30 marks

Paper 1 - Theory - 70 marks**Paper 1 shall be of 3 hours duration and be divided into two parts.****Part - I (20 marks) :** This part will consist of compulsory short answer questions, testing knowledge, application and skill relating to the entire syllabus.**Part - II (50 marks) :** This part will be divided into three sections, A, B and C. Candidates will be required to answer two questions out of three from section A (each carrying 10 marks) and two questions out of three from section B (each carrying 10 marks) and two questions out of three from section C (each carrying 5 marks). Therefore, a total of six questions are to be answered in Part - II.

Examination Portion :

1st Terminal Examination Portion

Chapter No. : 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

1st Prelim Exam (DEC)

Chapter No. : Whole Syllabus

2nd Prelim Exam (JAN)

Chapter No. : Whole Syllabus

CLASS : XII**SUBJECT : Moral****Book : Life Values****Publication : JAY CEE**

Month	Lesson No.	Lesson Title	Page No.
June	1	Generation Gap	7 - 15
	2	Prayer - A Problem Solver	16 - 23
July	3	Nothing is impossible for God	24 - 30
	4	Self - Control	31 - 36
	5	Counselling	37 - 42
August		Revision for First Term Examinations	
Sept.	First Terminal Exam		
Oct.	6	Frustration	43 - 51
	7	Decision making	52 - 57
	8	Youth and Fashion	58 - 64
Nov.	9	Dignity of Labour	65 - 71
	10	Adolescents : Their Body and Mind	72 - 78
	11	Personality	79 - 90
Dec.	Second Term Examinations		
Jan.	12	Accepting Criticism is An Art	91 - 95
	13	Wisdom	96 - 98
Feb.	14	Euthanasia Revision	99 - 104
March	Annual Term Examinaitons		

EXAMINATION PORTAL

Term Examination	Lesson No. & Title
First Term Examination	Lesson 1 - 5
Second Term Examination	Lesson 6 - 11
Annual Examination	Lesson 12 - 15