

SYLLABUS-2017-18
SUBJECT-ENGLISH
CODE NO. 301
CLASS-XI

Name of the Book SNAPSHOT HORNBILL CANTERVILLE GHOST (Novel) OSCAR WILDE	Name of Publisher NCERT NCERT B.B.C.
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Month	Topic
July	Writing Skills– Notice, Advertisement, Poster, Letters, Business & Officials Reading Skills– Comprehension Passage/Poem, Note Making Hornbill- L-1 The Portrait of A Lady Poem-1 The Photograph Snapshot- L-1 The Summer of the Beautiful White Horse Grammar : Determiners, Tenses, Active Passive Voice, Novel Ch. 1, 2. Revision for U.T.1.
August	Hornbill : L-2 We're Not Afraid to Die Poem- L-2 Voice of the Rain Writing Skills– Article Writing, Report Writing Grammar - Reported Speech, Modals, Poem- L-3 Childhood Novel Ch 3
September	Writing Skills– Speech, Factual Description Grammar : Editing and Omission Snapshot L-3, Discovering Tut Revision for MID-TERM
October	Hornbill L-4 The Ailing Planet Snapshot L-3 Ranga's Marriage L-4 Albert Einstein Writing Skills– Letter to the Editor
November	Novel Ch 4, 5, Hornbill L-5, The Browning Version Poem L-4 Father to Son

	Snapshot L-5 Mother's Day Writing Skill– Job Application Revision for U.T-2	
December	Novel- Ch 6, 7 Snapshot L-6 Birth Poem - A Tale of Melon City.	
January	Revision for Final Exam.	
Examination UT1 (July)		
Section A	Unseen Passages, Poem.	
Section B	Short Composition, Notice, Advertisement Poster, Letter Business Officials. Grammar: Determiners, Tenses, Active Passive	
Section C	Hornbill- L-1 The Portrait, Poem-1 Photograph, Snapshot L-1 The Summer, Novel L-1, 2.	
Mid-Term (Half Yearly) September		
Section A	Unseen Passages, Poem, Note Making	
Section B	Short Composition, Complete Long Composition, Letters, Article, Report, Grammar, U.T.1 + Modals & Reported Speech.	
Section C	Hornbill- L-1, 2, 3. Poem-L-1, 2, 3. Snapshot L-1, 2 Novel L-1, 2, 3	
Examination UT2 (December)		
Section A	Note Making.	
Section B	Short Composition Complete, Article, Speech, Debate, Grammar, Editing/Omission Jumble words	
Section C	Hornbill- L-4, 5, Poem-L-4, 5, Snapshot L-3, 4 Novel L-4, 5	
Annual Exam. (February)		
	U.T.1	Marks 50
Section A	Unseen Passage/Poem	12
Section B	Short Composition	4
	Letter Writing	6
	Grammar	6
Section C	Poem Stanza	3
	Short Question	9
	Long Literature Reader	5
	Novel- Long	5

Syllabus Till July				
Half Yearly Exam.				Marks 80
Section A	Unseen Passage/Poem, Note Making			12+8= 20
Section B	Short Composition			4
	Long Letter Official/ Business			6
Grammar	Editing/Omission, Sentence, Reordering & Process Writing, Article, Speech, Debate			3+3+4=10 10
Section C	Poem Stanza			3
	Short Question			3x4=12
	Long Question Reader			5x2=10
	Long Question Novel			1x5= 5
Syllabus July & August				
	U.T-2			Marks 50
Section A	Note Making			8
Section B	Short Composition			4
	Article Writing			8
	Grammar			6
Section C	Poem Stanza			3
	Short Question			9
	Long Question Reader			6
	Long Question Novel			6
Syllabuys Till July				
Examination	Section-A (Reading)	Section B (Writing Skill+ Grammar)	Section C (Text Books & Long Reding Text)	Total
U.T-1	12	10 + 6 =16 Writing+Grammar	22	50
Half Yearly	20	20+10=30 Writing Skill+Grammar	30	80
U.T.-2	8	12 + 6 = 18 Writing+Grammar	24	50
Final Exam.	20	20 + 10 = 30 Writing + Grammar	30	80

SUBJECT-PHYSICS
CODE NO. 042
CLASS-XI

Name of the Book
NCERT, SLARORA

Name of Publisher
Dhanpat Rai

Months		Chapter Name
July	Ch 1	Physical World
	Ch 2	Unit and Measurement
	Ch 3	Motion in straight line
August	Ch 4	Motion in Plane
	Ch 5	Laws of Motion
	Ch 6	Work energy and Power
September	Ch 8	Gravitation
October	Ch 9	Solid
	Ch 7	System of Particle and Rotational motion
	Ch-10	Mechanical Properties of fluid
November	Ch 11	Thermal Properties of Matter
	Ch 12	Thermodynamics
	Ch 13	Kinetic theory of gases
December	Ch 14	Oscillation
	Ch 15	Wave Motion
Unit Test-1		Marks
	Ch 1	5
	Ch 2	15
	Ch 3	15
Mid Term Exam.		Marks
	Ch 1	5
	Ch 2	5
	Ch 3	10
	Ch 4	15
	Ch 5	15
	Ch 6	10
	Ch 8	10
Unit Test-2		Marks
	Ch 7	10
	Ch 9	10
	Ch 10	15
Annual Exam, Complete Syllabus, 70 Marks		

BLUE PRINT		MARKS
Ch-1		1
Ch-2		2
Ch-3		3
Ch-4		10
Ch-5		5
Ch-6		5
Ch-7		5
Ch-8		3
Ch-9		3
Ch-10		10
Ch-11		5
Ch-12		5
Ch-13		3
Ch-14		5
Ch-15		5

SUBJECT-CHEMISTRY
CODE NO. 043
CLASS-XI

Name of the Book
NCERT, Dinesh

Name of Publisher
Dinesh Publisher

Months

July	Ch 1 Ch 2 Ch 3	Some Basic Concept Structure of atom Classification of Elements and Periodicity in Properties
August	Ch 4 Ch 5	Chemical bonding and molecular structure State of matter
September		1 to 15 Revision
29 Sept. to 7 Oct.	Ch 6 Ch 7	Chemical thermodynamics Equilibrium
13 Oct. to 7 Nov. 28 Nov.	Ch 8 Ch 9 Ch 10	Redox Reaction Hydrogen S-Block Elements
29 Nov. to 3 Dec.		Revision for U.T-2
4 Dec. to 30 Dec.	Ch 11 Ch 12	P. Block elements Organic chemistry
January	Ch 13 Ch 14	Hydrocarbon Environmental Chemistry

Unit Test-1

Marks

	Ch 1 Ch 2 Ch 3		15 15 10
	Total		40

Mid Term Exam.

Marks

	Ch 1 Ch 2 Ch 3 Ch 4 Ch 5		15 15 10 15 15
	Total		70

Unit Test-2		Marks
Ch 8		15
Ch 9		10
Ch 10		15
Total		40
Ch 1	Some basic Concept	4
Ch 2	Structure of atom	7
Ch 3	Periodic Properties	4
Ch 4	Chemical Bonding	5
Ch 5	State of Matter	5
Ch 6	Thermodyanamics	5
Ch 7	Equilibrium	6
Ch 8	Redox	5
Ch 9	Hydrogen	3
Ch 10	S-Block Elements	4
Ch 11	P-Block Elements	4
Ch 12	Organic Chemistry	7
Ch 13	Hydrocarbon	8
Ch 14	Environmental Chemistry	3
	Total	70

SUBJECT-BIOLOGY
CODE NO. 044
CLASS-XI

Name of Book Biology (Theory) Biology (Practical)	Name of Publisher NCERT Laxmi Publication
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Month wise Syllabus for the Session 2017-2018

July (1-22)	Ch 1 Ch 2 Ch 16 Ch 17	Living World Biological Classification Digestion and Absorption Breathing and Exchange of gases.
July 24 to 31	Revision for Unit Test-1	
August (1-30)	Ch 5 Ch 6 Ch 7 Ch 8	Morphology of Flowering Plants Anatomy of Flowering plants Structural organisation in Animals Cell : The Unit of Life.
September (1-15)	Revision for Mid term.	
October (3 to 31)	Ch 9 Ch 10 Ch 11 Ch 12	Biomolecules Cell cycle and cell-division Transport in Plants Mineral Nutrition
November (1-to 19)	Ch-13 Ch-14 Ch-15	Photosynthesis in higher plants Respiration in plants Plant growth and development
20 Nov. to 26 Nov.	Revision for Unit Test-2	
December 4 to 31	Ch-3 Ch-4 Ch-18 Ch-19	Plant Kingdom Classification of Animals Body Fluids and circulation Excretion products and their Elimination
January	Ch-20 Ch 21 Ch 22	Locomotion and Movement Neural control and coordination Chemical Coordination and integration.
Unit Test-1 Ch 1 to Ch 4		35 Marks
	Ch 1 Ch 2 Ch 16 Ch 17	Living Word Biological Classification igestion and Absorption Breathing and Exchange of gases
		5 marks 10 marks 10 marks 10 marks

Mid-Term Exam. Ch 1 to Ch 8		70 Marks
Ch 1	Living World	5 marks
Ch 2	Biological Classification	10 marks
Ch 16	Digestion and Absorption	10 marks
Ch 17	Breathing and Exchange of gases	10 marks
Ch 5	Morphology of Flowering Plants	10 marks
Ch 6	Anatomy of Flowering Plants	5 marks
Ch 7	Structural organisation in animals	5 marks
Ch 8	Cell : The Unit of Life	10 marks
Unit-Test-2 Ch 9 to Ch 11		35 Marks
Ch 9	Biomolecules	10 marks
Ch 10	Cell cycle and cell division	15 marks
Ch 11	Transport in plants	10 marks
Annual Examination Complete Syllabus		70 marks
BLUE PRINT		
a.	Structural organisation in plants and animals	15 marks
b.	Cell structure and Function	15 marks
c.	Plant Physiology	20 marks
d.	Animals Physiology	20 marks
	Total	70

SUBJECT-MATHEMATICS
CODE NO. 041
CLASS-XI

Name of the Book NCERT Elements of Mathematics	Name of Publisher NCERT JEEVANSONS PUBLICATION
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Month Wise Syllabus

Month	Topic
July	Sets, Relation and Function, Trigonometry, PMI.
August	Complex Numbers, Linear Inequalities, Permutations and Combinations, Binomial Theorem.
September	Revision for Mid-Term Exam.
October	Sequences and Series, Straight lines.
November	Conic Sections, Three Dimensional Geometry, Limits and Derivatives.
December	Statistics, Mathematical- Reasoning, Probability.

Unit Test-I **Marks-50**

Blue Print

Topic	Number of Questions				Total
	1	2	4	6	
1 Sets	1	1	1	1	13
2 Relation and Function	1	1	2		11
3 Trigonometry	2	2	2	2	26
Total	4	4	5	2	50

Mid-Term Exam. **Marks-100**

Topic	Number of Questions				Total
	1	2	4	6	
1 Sets		1	1	1	12
2 Relation and Function	1	1	1		7
3 Trigonometry		2	2	1	18
4 P.M.I	1	1	1	1	13
5 Complex Number		1	2		10
6 Linear Inequalities			1	1	10
7 Permutation and Combination	1	1	1	1	13
8 Binomial Theorem	1	1	2	1	17
Total	4	8	11	6	100

Unit Test-II					Marks-50
Topic	Number of Questions				Total
	1	2	4	6	
1 Sequences and Series	2	1	1	2	20
2 Straight lines	1	2	2	1	19
3 Conic Sections	1	1	2		11
Total	4	4	5	3	50
Annual Exam.					Marks-100
Topic	Number of Questions				Total
	1	2	4	6	
1 Relation and Function	1		1		5
2 Trigonometry		1	1	1	12
3 Linear Inequalities				1	6
4 Permutations and Combinations		2	1		8
5 Sequences and Series	1	1	1	1	13
6 Straight lines		1	2		10
7 Conic Sections		1	1		6
8 Three dimensional			1		4
9 Limits and derivatives	1	1	2	1	17
10 Mathematical Reasoning	1				1
11 Statistics				1	6
12 Probability		1	1	1	12
Total	4	8	11	6	100

SUBJECT-PHYSICAL EDUCATION CLASS-XI

Name of the Book Health and Physical Education	Name of Publisher Saraswati House
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Month	Unit	Topic
July	Unit-1	Physical Fitness, Wellness & Life Style Meaning & importance of physical fitness Factor Affecting physical fitness. Preventing health threats Components of positive life style
	Unit-2	Changing trends in physical education Aims & Objectives of physical education Integrated physical education Adapted physical Education Careers in Physical Education
August	Unit-3	Olympic Movement Ancient Olympic & Modern Olympic Olympic Symbols, Objective, & Values National Sportys Awards
	Unit-4	Yoga Importance of Yoga Elements of Yoga Asana Life Style disease
September	Unit-5	Doping Meaning and types of doping Athlete's responsibility Side-effects of prohibited substance
October	Unit-6	Physical activity environment Need of Sports environment Health related fitness Different stages of growth
	Unit-7	Test and Measurement Definition of Test & Measurement BMI Importance of Test & Measurement Somato Types
November	Unit-8	Anatomy & Physiology Importance of anatomy & Physiology Functions of Various systems Structure of Heart Oxygen Debt & Second wind

December	Unit-9	Biomechanics and sports Importance of biomechanics Newton Law of Motion Levers Force
	Unit-10	Psychology and sports Importance of psychology Difference between growth & Development Adolescent Problems Learning and emotions
	Unit-11	Training in Sports Concept of sports training Principles of sports training Warming-up & Limbering down Load & Recovery Skill and techniques Overload
U.T-I	Unit 1 to 3 Marks (15+10+10)	
Mid-Term	Unit 1 to 5	
U.T-II	Unit 6 to 8	
Final Exam.	Full syllabus	

SUBJECT-COMPUTER SCIENCE
CODE NO. 083
CLASS-XI

Name of the Book Computer Science With C++	Name of Publisher Sultan Chand
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Month wise Syllabus for the Session 2017-2018

Months		Topic
July	Ch 1	Computer Fundamentals
	Ch 2	Software Concepts
	Ch 3	Number system
August	Ch 4	Memory Concepts
	Ch 5	Programming Methodology
	Ch 6	Algorithms & Flowcharts
	Ch 7	Getting Started with C++
September	Ch 8	Data Types
	Ch 9	Operators & Expression
	Ch 10	Flow of Control
October	Ch 11	Functions
	Ch 12	Arrays
November	Ch 13	Structures
December	Ch 14	OOP concepts

Unit Test-1	Weightage
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Computer Fundamentals, Software Concepts Number System, Memory Concepts Programming Methodology, Flowcharts	35
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Mid Term Exam.

Functions, Arrays, Structures	35
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Annual Exam

Number System, Flow of Control, Functions Arrays, Structures, OOP Concepts, Data Types, Operator & Expression	70
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BLUE PRINT

UNIT NO.	UNIT NAME	MARKS
1	Computer fundamentals	10
2	Programming Methodology	12
3	Introduction to C++	14
4	Programming in C++	34
	Total	70

SUBJECT-ECONOMICS
CODE NO. 030
CLASS-XI

Name of Book Statistics for Economics Indian Economic Development	Name of Publisher Dhanpat Rai
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Month wise Syllabus for the Session 2017-2018

Months		Topic
July	Ch 1	Economic : An Introduction
	Ch 2	Meaning, Scope and Importance of Statistics
	Ch 3	Collection of data
	Ch 4	Organisation of data
August	Ch 5	Tabular Presentation of data
	Ch 6	Diagrammatic Presentation
	Ch 7	Graphic Presentation
	Ch 8	Measures of Central Tendency :Arithmetic mean
September	Ch 9	Measures of central tendency: Medium and mode
	Ch 10	Measures of despension
	Ch 11	Measures of correlation
October Part-2	Ch 12	Index Number
	Ch 1	Indian Economy on the eve of independence
	Ch 2	Indian Economy (1950-90)
	Ch 3	Liberalisation, Privatisation and Globalisation
November	Ch 4	Poverty
	Ch 5	Human Capital formation
	Ch 6	Rural Development
	Ch 7	Employment
	Ch 8	Inflation
December	Ch 9	Infrastructure
	Ch 10	Environment and Sustainable development
	Ch 11	Comperative Development experience of India and its neighbours

January to Mid February Revision of syllabus

Unit Test-1		Marks
Ch 1	Economics : An Introduction	8
Ch 2	Meaing, Scope and Importance of Statistics	8
Ch 3	Collection of Data	8
Ch 4	Organisational Data	8
Ch 5	Tabuler Presentational Data	8
	Total	40

Mid-Term Exams.		Marks
Ch 6	Diagrammatical Presentation	10
Ch 7	Graphical Presentation	8
Ch 8	Measuremental Central Tendency : Airthmatic Mean	12
Ch 9	Measuremental Central Tendency : Median and Mode	15
Ch 10	Dispertion	15
Ch 11	Correlation	10
Ch 12	Index number	10
Total		80
Unit-Text-2		
Part-B (Indian Economic Development)		
Ch 1	Indian economy on the eve of Independence	10
Ch 2	Indian economy (1950-90)	10
Ch 3	Liberlisation, Privatisation, Globelisation	10
Ch 4	Poverty	10
Total		40
Final Exam.		
Part-A	Statics	40
Part-B	Indian Economic Development	40
		80
+ Project of 20 marks		

SUBJECT-BUSINESS STUDIES CLASS-XI

Name of Book : Business Studies
Name of Publisher Poonam Gandhi (VK)

Month	Topic	
July	Part-A Unit 1 Unit 2	Nature & Purpose of Business Forms of Business Organisation (half)
August	Unit 2 Unit 3	Forms of Business Organisation Private & Public & Global Enterprise
September		Revision for Mid-Term Exam.
October	Unit 4	Business Services
November	Unit 5 Unit 6 Part-B Unit 7	Emerging Modes of Business Social Responsibility of Business & Business Ethics Sources of Business Finance
December	Unit 8 Unit 9 Unit 10	Small Business Internal Trade International Trade
January & February		Revision of Unit I to X
	Mid-Term Exam.	Marks
Unit 1	Nature & Purpose of Business	15
Unit 2	Forms of Business Organisation	35
Unit 3	Public & Private Enterprise	20
Unit 4	Business Services	20
	Total Marks	80
Unit-Test-1	Topic	
Unit 1	Nature & Purpose of Business	15
Unit 2	Forms of Business Organisation	25
	Total Marks	40

Unit-Test-2 Topic		Marks				
Unit 5	Emerging Modes of Business	10				
Unit 6	Social Responsibility of Business	06				
Unit 7	Sources of Business finance	20				
Unit 8	Small Business	4				
Total Marks		40				
Final Exam		Marks				
Part-A	Unit 1 to 6	50				
Part-B	Unit 7 to 10	40				
Total Marks		90				
BLUE PRINT						
Type of Question	Very Short 1 Marks	Short Answer 3 Marks	Short Answer 4 Marks	Long Answer 5 Marks	Essay Type 6 Marks	Total Marks
1. Remembring (Knowledge based) Question	2	1	1	1	–	14
2. Understanding Question	2	2	1	–	1	18
3. Application based Question	2	1	1	1	2	26
4. High Order thinking Skill	2	1	1	1	1	20
5. Evaluation Question	–	1	1	1		12
	8x1=8	6x3=18	5x4=20	4x5=20	4x6=24	90 (27) Project 10

SUBJECT-ACCOUNTANCY
CODE NO. 055
CLASS-XI

Name of Book Double Entry Book Keeping Financial Accounting	Name of Publisher Sultan Chand (T.S. Grewal)
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Month wise Syllabus for the Session 2017-2018

Months		Topic
July	Ch 2 Ch 5 Ch 6 Ch 7 Ch 8	Basic Accounting Terms Accounting Equation Rules of Debit and Credit Source Documents and Preparation of Vouchers Journal and Ledger
August	Ch 9 Ch 10 Ch 11 Ch 12 Ch 1 Ch 2	Cash Book Special Purpose Books Bank Reconciliation Statement Trial Balance Introduction of Accounting Theory Base of Accounting and Accounting Standards and IFRS
September		Revision for Mid-Term Exam.
October	Ch 13 Ch 16 Ch 14 Ch 4 Ch 19	Depreciation Rectification of Errors Provisions and Reserves Bases of Accounting Accounts from Incomplete Records
November	Ch 17 Ch 18	Financial Statements Financial Statements with adjustments
December	Ch 20 Ch 15 Ch 21	Financial Statements for Not for profit Organisation Accounting for Bills of Exchange Computers in Accounting
January & February		Revision for Final Exams.
Unit Test-1		Marks
Ch 2	Basic Accounting Terms	6
Ch 5	Accounting Equation	10
Ch 6	Rule of Debit and Credit	6
Ch 7	Source Documents and Vouchers	6
Ch 8	Journal and Ledger	12
Ch 9	Cash Book	10
Total Marks		50

Mid-Term Exam.		Marks
Ch 1	Introduction to Accounting	8
Ch 2	Basic Accounting Terms	6
Ch 3	Accounting Standards and IFRS	6
Ch 5	Accounting Equation	9
Ch 6	Rule of Debit and Credit	6
Ch 7	Sources Documents and Vouchers	10
Ch 8	Journal and Ledger	12
Ch 9	Cash Book	13
Ch 10	Special purpose Books	6
Ch 11	Bank Reconciliation Statement	8
Ch 12	Trial Balance	6
	Total	90
Unit Test-2	Topic	Marks
Ch 4	Bases of Accounting	6
Ch 13	Depreciation	10
Ch 14	Provisions and Reserve	6
Ch 16	Rectification of Errors	8
Ch 19	Single Entry System	10
Ch 18	Financial Statement with adjustments	10
	Total	50
Final Exam.	Topic	Marks
Part A	Financial Accounting- I	
	Ch- 1, 2, 3, 4	15
	Ch- 6, 7, 8, 9, 11, 12, 13, 14, 15, 16	40
	Total	55
Part B	Financial Accounting- II	
	Ch- 18, 19	15
	Ch- 20	15
	Ch- 21	05
		35
	Part A + Part B	90
	Project	10
	Total	100

BLUE PRINT

S. No.	Type of Question	VSA 1 Marks	SA I 3 Marks	SA II 4 Marks	LA I 6 Marks	LA II 8 Marks	Total Marks	%
1.	Remembering	2	2	1	1	–	18	20%
2.	Understanding	–	1	1	2	1	27	30%
3.	Application	–	–	2	1	1	22	25%
4.	HOTS	2	2	1	1	–	18	20%
5.	Evaluation	2	1	–	–	–	5	5%
Total		6×1=6	6×3=18	5×4=20	5×6=30	2×8=16	90 (24)	100%
Note : All Questions carrying 8 Marks will have internal choice.								