



Grade 11 Syllabus and Blueprint of Final Term Exam

English

Exam Structure

Section	Area of Learning	Marks
A	Reading Comprehension	30
B	Writing Skills	30
C	Literature & Long Reading Text	40
	Total	100

Section A: Reading Comprehension

Reading Unseen Passages and Note making

Two unseen passages with a variety of **very short answer / short answer or MCQ type questions** to test comprehension, interpretation and inference. Vocabulary such as word formation and inference of meaning will also be tested.

The total length of the two passages will be between 1100 - 1200 words. The passage will include two of the following:

1. Factual passages, e.g., instructions, descriptions, reports.
2. Descriptive passages involving opinion, e.g., argumentative, persuasive or interpretative text.
3. Literary passages, e.g., extract from fiction, drama, poetry, essay or biography. A poem could be of 28-35 lines.

The passages can be literary, factual or discursive to test comprehensions. The length of one passage should be between 600-700 words.

A third passage of 400-500 words for **note-making and abstraction**.



Section B: Writing Skills

Short Answer Questions, e.g., advertisement and notices, designing or drafting posters, writing formal and informal invitations and replies.

Long Answer Questions: Letters based on verbal / visual input.

Letter types include

- Business or official letters (for making enquiries, registering complaints, asking for and giving information, placing orders and sending replies)
- Letters to the editor (giving suggestions or opinion on issues of public interest)
- Application for a job

Very Long Answer Questions: Two compositions based on visual and/or verbal Input may be descriptive or argumentative in nature such as an article, a debate or a speech, report writing

Section C: Literature and Long Reading Text

- Very Short Answer Questions - Based on an extract from poetry to test comprehension and appreciation.
- Short Answer Questions - Based on prose / drama / poetry from both the texts.
- Long Answer Question - Based on texts to test global comprehension and extrapolation beyond the texts to bring out the key messages and values.
- Long Answer Question - Based on texts to test global comprehension along with analysis and extrapolation.
- Long Answer Question - Based on theme, plot and incidents from the prescribed novels.
- Long Answer Question - Based on understanding appreciation, analysis and interpretation of the character sketch.

Hornbill: Textbook published by NCERT

Snapshots: Supplementary Reader published by NCERT

The following lessons have been deleted:

1. Landscape of the Soul
2. The Adventure
3. Silk Road
4. The Laburnum Top (Poetry)
5. The Ghat of the only World (Snapshots)

The Canterville Ghost by Oscar Wilde (unabridged 1906 Edition)



Physics

SYLLABUS FOR THE PHYSICS PAPER

S. No.	UNIT	MARKS (70)
1.	Units, Dimensional analysis, Errors	3
2.	Kinematics (Motion in 1-D and 2-D)	10
3.	Laws of motion	10
4.	Work, Power, Energy	6
5	Rotational Motion	6
6	Gravitation	7
7	Properties of Bulk matter and Thermal Properties	12
8	Thermodynamics , Kinetic Theory	6
9	Oscillations and Waves	10



Design of Question Paper

Type of Questions	Marks per question	Total no of Questions	Total Marks
Very Short Answer	1	5	5
Short Answer -I	2	5	10
Short Answer -II	3	12	36
Value Based questions	4	1	4
Long Answer	5	3	15
Total		26	70



Chemistry

S.No	Unit	Chapters	Total
1	I	Some basic concepts of Chemistry	6
2	II	Structure of atom	5
3	III	Classification of elements and periodicity in properties	4
4	IV	Chemical bonding and molecular structure	5
5	V	States of matter	4
6	VI	Chemical Thermodynamics	5
7	VII	Equilibrium	9
8	VIII	Redox reactions	5
9	X	s- block elements	2
10	XI	Some p-block elements	3
11	XII	Organic Chemistry- Some basic principles	10
12	XIII	Hydrocarbons	12
		Total Marks	70



Maths

<u>Chapter</u>	<u>Weightage (marks)</u>
1. Relations and Functions	6
2. Trigonometric Functions	13
3. Linear Programming	6
4. Permutations and Combinations	6
5. Binomial Theorem	8
6. Sequences and Series	10
7. Straight Lines	11
8. Conic Sections	9
9. Introduction to three dimensional geometry	6
10. Limits and Derivatives	15
11. Probability	10
Total	100

Design of Question Paper

Type of Question(s)	Mark(s) per Question	Total no of Questions	Total Marks
VSA	1	4	4
SA-I	2	8	16
SA-II	4	11	44
LA	6	6	36
TOTAL		29	100



Economics

Topic	Marks
Indian Economics	40
Development Experience (1947 - 90) and Economic Reforms since 1991	12
Current Challenges facing Indian Economy a. Poverty b. Rural Development c. Human Capital Formation d. Employment e. Infrastructure f. Sustainable Economic Development	20
Development Experience of India- A comparison with neighbours	8
Statistics	40
Collection, Organisation and Presentation of data	13
Statistical Tools and Interpretation a. Measures of Central Tendency b. Measures of Dispersion c. Correlation d. Introduction to Index Numbers	27
Project	20
Total	100



C++

Topic	Marks
Computer Fundamentals, Software Concepts,Memory	8
Number System	10
Programming Methodology	4
Operators and Expressions	2
Functions	12
Arrays	16
Structures	12
OOPS concept and Classes	6
Theory Total	70



Biology

Name of the Unit and Chapter	Total
Unit I: Chapter 1: Diversity In the Living World Chapter 2: Biological classification. Chapter 3: Plant Kingdom Chapter 4: Animal Kingdom	8
Unit II: Structural Organization in Plants and Animals Chapter 5: Morphology of flowering plants. Chapter 6: Anatomy of flowering Plants. Chapter 7: Structural organization in Animals	8
Unit III: Cell: Structure and Functions Chapter 8: Cell- The unit of life. Chapter 9: Bio molecules Chapter 10: Cell cycle and Cell division	11
Unit IV: Plant Physiology Chapter 11: Transport in plants. Chapter 12: Mineral Nutrition Chapter 13: Photosynthesis in Higher Plants. Chapter 14: Respiration in Plants. Chapter 15: Plant Growth and Development.	21
Unit V: Human Physiology Chapter 16: Digestion and Absorption. Chapter 17: Breathing and exchange of gases. Chapter 18: Body fluids and Circulation. Chapter 19: Excretory products and their elimination. Chapter 20: Locomotion and Movement Chapter 21: Neural control & coordination Chapter 22: Chemical coordination and Integration	22
Total marks:	70



Psychology

S.NO.	UNITS	WEIGHTAGE/MARKS
1	Methods of Enquiry in Psychology	9
2	Human Development	9
3	Sensory, Attentional and Perceptual Processes	9
4	Learning	12
5	Human Memory and Creative Thinking	16
6	Motivation & Emotion	15
	Total	70

II. WEIGHTAGE TO TYPE OF QUESTIONS

S.NO.	Types of questions	Marks for each question	No. of questions	Total marks	Percentage (%)
01	LC	1	10	10	14
02	VSA	2	6	12	17
03	SAI	3	4	12	17
04	SAII	4	6	24	35
05	LA	6	2	12	17
	Total		28	70	100



Biotechnology

S. No.	UNIT/CHAPTER	MARKS
1.	UNIT- I CHAPTER -I BIOTECHNOLOGY AN OVERVIEW UNIT-II CHAPTER - I BIOMOLECULES: BUILDING BLOCKS (Carbohydrates and Proteins pg.15-20, Nucleotides pg. 22-23) CHAPTER-II MACROMOLECULES: STRUCTURE AND FUNCTION (Carbohydrates, Proteins and Enzymes pg.34-40, Nucleic Acids pg. 41-44) EXTRA NOTES	25
2.	UNIT -III Chapter-I Concepts of Genetics (pg 52-59,) Chapter -II GENES AND GENOMES: STRUCTURE AND FUNCTION (pg.64-91) UNIT IV Chapter 1 and II STEM CELLS (pg 108-109) REPRODUCTION IN MICROBES (pg. 123-124) IVF (pg.128-129) IMMUNE RESPONSE (pg. 131-136) FISH FROM NOTES	45



Accountancy

	Number Of Questions					Total Marks
Marks	1	3	4	6	8	90
No. of Questions	6	6	5	5	2	
Total Marks	6	18	20	30	16	

Units		Marks
Part A	Financial Accounting - I	
1.	Theoretical Framework	14
2.	Accounting Process	61
	Total	75
Part B	Financial Accounting - II	
3.	Financial Statements of Sole Proprietorship	15
	Grand Total Marks	90



Business studies

	Number Of Questions					Total Marks
Marks	1	3	4	5	6	90
No. of Questions	8	6	5	4	4	
Total Marks	8	18	20	20	24	

Units	Topic	Marks
Part A	Foundations of Business	
1	Nature and Purpose of Business	20
2	Forms of Business Organisations	
3	Public, Private and Global Enterprises	18
4	Business Services	
5	Emerging Modes of Business	12
6	Social Responsibility and Business Ethics	
Part B	Finance and Trade	
7	Sources of Business Finance	20
8	Small Business	
9	Internal Trade	20
10	International Business	
	Total	90



Legal Studies

<u>TOPICS</u>	<u>UNIT</u>	<u>Marks allocated in Examination</u>
Theory and nature of Political Institutions 1- Concept of State and Nation 2- Organs of Govt. 3- Separation of Powers 4- Basic Features of the Constitution of India	UNIT 1	19
Nature and sources of Law 1- Nature and Meaning of Law 2- Classification of Law 3- Sources of Law	UNIT 2	18
Historical Evolution of the Indian Legal System 1: Ancient Indian Law 2: Making of the Indian Constitution	UNIT 3	19
Judiciary: Constitutional, Civil and Criminal Courts and Processes	UNIT 4	21
Family Justice System	UNIT 5	23

Design of the 100 mark Question Paper for Second term Examination- Question Wise Division of Marks

S.No	Particulars	Question Paper Design					Total
		1 Mark	2 Mark	4 Mark	5 Mark	6 Mark	
	Marks For Each Question						
	Number Of Questions	8	6	6	4	6	30 Questions
	Total Marks allocated for Written Paper	8	12	24	20	36	100 Marks



Home Science

Academic Session 2017- 18 Subject: Home Science- Class XI

Syllabus for Annual Examination CLASS 11 Examination

Units	Marks allocated in First Term Examination
1. Concept of Home Science and its Scope 2. Human Development: Life Span Approach (Part I)	25
3. Food, Nutrition health and fitness 4. Family and community resources	30
5. Fabric and Apparel 6. Community Development and Extension	15
TOTAL	70

Design of the 70 mark Question Paper for Annual Examination

Question Wise Division of Marks

S.No	Particulars	Question Paper Design					Total
		1 Mark	2Mark	3 Mark	4 Mark	5 Mark	
1.	Marks for each question						
2.	Number of questions in Theory Paper	6	7	2	6	4	25 Questions
Total Marks allocated for Written Paper		6	14	6	24	20	70 Marks



Web technology

<u>Name of the Unit</u>	<u>Chapters covered</u>
Unit 1: Computer System	Chapter 1
Unit 2: Web Development (HTML, CSS, XML, DHTML & DOM)	Chapter 2-12
Unit 3: Web Scripting	Chapter 13-18
Unit 4: Multimedia and Authoring Tools	Chapter 19-20

Topic	Number Of Questions					Total Marks
	Computer System	HTML	DHTML, DOM, XML, CSS	Web Scripting	Multimedia	
No. of Questions	2	11	3	7	7	70
Marks	10	25	5	20	10	



Sociology

<u>TOPICS</u>	Marks allocated in Second Term Examination
1. Understanding Social Institutions 2. Doing Sociology: Research Methods 3. Social structure, Stratification and Social Processes in Society	22
4. Social change and Social Order in Rural and Urban society 5. Environment and society 6. Introducing Western Sociologists 7. Indian Sociologists	58

Design of the 80 mark Question Paper for Final term Examination

Question Wise Division of Marks

S.No	Particulars	Question Paper Design			Total
		2Mark	4Mark	6Mark	
1.	Marks For Each Question	2Mark	4Mark	6Mark	
2.	Number Of Questions in Theory Paper	14	7	4	25
Total Marks allocated for Written Paper		28	28	24	80



Fine Arts

Syllabus- Unit 3 and Unit 4

Topics	Total Marks- 60
Bengal School	30 marks
Contemporary Indian Art	30 marks



History

Syllabus:

- Theme 3: An Empire Across 3 Continents
- Theme 5: Nomadic Empires
- Theme 6: The Three Orders
- Theme 7: Changing Cultural Traditions
- Theme 8: Confrontation of Cultures
- Theme 9: The Industrial Revolution
- Theme 10: Displacing Indigenous People
- Theme 11: Paths to Modernisation: Japan

Themes in Indian History

1. Bricks, Beads and Bones
2. Kings, Farmers and Towns

History Question Paper Design

Time: 3 Hrs

M.M.: 80

S. No.	Typology of Questions	Learning outcomes and Testing Competencies	V. Short Answer - (2 Marks)	Short Answer - (4 Marks)	Passage Based (5Marks)	Long Answer (8 Marks)	Map Skill (5 Marks)	Marks	% Weightage
1	Remembering- (Knowledge based simple recall questions, to know specific facts, terms, concepts, principles, or theories; Identify, define, or recite, information)	Reasoning Analytical Skills Map identification skills , etc.	1	1	-	1		14	17%
2	Understanding- (Comprehension -to be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, paraphrase information)		1	1	1	1		19	24%
3	Application- (Use abstract information in concrete situation, to apply knowledge to new situations; Use given content to interpret a situation, provide an example, or solve a problem) (Map skill based questions- Identification, location, significance.)		1	1 (value based)	1	1	1	24	30%
4	High Order Thinking Skills- (Analysis & Synthesis- Classify, compare, contrast, or differentiate between different pieces of information; Organize and/or integrate unique pieces of information from a variety of sources)		1	1	1	1		19	24%
5	Evaluation- (Appraise, judge, and/or justify the value or worth of a decision or outcome, or to predict outcomes based on values)			1				4	5%
Total			4x2=8	5x4=20	3x5= 15	4x8=32	1x5=5	80	100%



Geography

India : Physical Environment

Chapter no.	Chapter Names	Marks Allotted
Chapter 1	India - Location	01
Chapter 2	Structure & Physiography	05
Chapter 3	Drainage System	05
Chapter 4	Climate	05
Chapter 5	Natural Vegetation	03
Chapter 6	Soils	03
Chapter 7	Natural Hazards and Disasters	08

Fundamentals of Physical Geography

Chapter no.	Chapter Names	Marks Allotted
Chapter 2	Origin & evolution of the earth	01
Chapter 3	Interior of the earth	03
Chapter 4	Distribution of Oceans & Continents	05
Chapter 5	Minerals & Rocks	05
Chapter 6	Geomorphic Processes	05
Chapter 7	Landforms and their evolution	05



Chapter 8	Composition and Structure of Atmosphere	01
Chapter 9	Solar Radiation, Heat Balance and Temperature	01
Chapter 10	Atmospheric Circulation and Weather Systems	01
Chapter 11	Water in the Atmosphere	01
Chapter 13	Water (Oceans)	01
Chapter 14	Movements of Ocean Water	05
Chapter 15	Life on the Earth	03
Chapter 16	Biodiversity and Conservation	03
		Max.Marks: 70



Political Science

SYLLABUS OF POLITICAL SCIENCE **ANNUAL EXAMINATION FOR GRADE 11 (2017-18)**

I	Text : Political Theory	
	1	L-2 FREEDOM
	2	L-3 EQUALITY
	3	L-4 SOCIAL JUSTICE
	4	L-7 NATIONALISM
	5	L-8 SECULARISM
	6	L-9 PEACE
II	Text : Indian Constitution at Work	
	1	L-1 CONSTITUTION : WHY & HOW?
	2	L-2 RIGHTS IN THE INDIAN CONSTITUTION
	3	L-3 ELECTION & REPRESENTATION
	4	L-4 EXECUTIVE (ONLY FROM THE HANDOUT GIVEN)
	5	L-5 LEGISLATURE
	6	L-6 JUDICIARY
	7	L-7 FEDERALISM
	8	L-8 LOCAL GOVERNMENTS
	9	L-9 CONSTITUTION AS A LIVING DOCUMENT (ONLY FROM THE HANDOUT GIVEN)
III	Text: Politics in India Since Independence Grade 12	
	1	L-1 CHALLENGES TO NATION BUILDING
	2	L-3 POLITICS OF PLANNED DEVELOPMENT
	3	UN HANDOUT GIVEN
IMP: Picture, Passages and Map identification included.		



Design of the 100 mark Question Paper for Annual Examination
Question Wise Division of Marks

Sr#	Particulars	Question Paper Design					Total
		1 mark	2 marks	4 marks	5 marks	6 marks	
1.	Marks For Each Question						
2.	Number Of Questions in Theory Paper	5	5	6	5	6	27 Qs
Total Marks allocated for Written Paper		5	10	24	25	36	100 marks



POLITICAL SCIENCE Class XI (2017-18)
BLUEPRINT for Annual Examination

TOPICS / LESSON NAMEs	BOOK	Marks allocated
L-2 : FREEDOM L-3 : EQUALITY L-9 : PEACE	BOOK 1 BOOK 1 BOOK 1	16
L-4 : SOCIAL JUSTICE L-7 : NATIONALISM L-8 : SECULARISM	BOOK 1 BOOK 1 BOOK 1	15
L-1 : CONSTITUTION : WHY & HOW L-2 : RIGHTS IN THE INDIAN CONSTITUTION L-3 : ELECTION & REPRESENTATION	BOOK 2 BOOK 2 BOOK 2	16
L-4 : EXECUTIVE (ONLY FROM HANDOUT) L-5 : LEGISLATURE L-6 : JUDICIARY	BOOK 2 BOOK 2 BOOK 2	17
L-7 : FEDERALISM L-8 : LOCAL GOVERNMENTS L-9 : CONSTITUTION AS A LIVING DOCUMENT (ONLY FROM HANDOUT)	BOOK 2 BOOK 2 BOOK 2	20
<u>Grd XII Text Book POLITICS IN INDIA SINCE INDEPENDENCE</u> L-1 : CHALLENGES OF NATION BUILDING L-3:POLITICS OF PLANNED DEVELOPMENT + UN HANDOUT GIVEN	BOOK 1 BOOK 1	16
TOTAL MARKS		100

Grd XI - BOOK 1 : Political Theory ; BOOK 2 : Indian Constitution at Work



Fashion studies

Syllabus for Annual Examination

<u>Units</u>	Marks allocated in Annual Examination
1. Overview of Fashion	18
2. Introduction to Fabrics , Dyeing and Printing	16
3. Basics of Garment Making	18
4. History of Fashion	18

Design of the 70 mark Question Paper for First term Examination

Question Wise Division of Marks

S.No	Particulars	Total				
		1 Mark	2Mark	3 Mark	5 Mark	
1.	Marks For Each Question	1 Mark	2Mark	3 Mark	5 Mark	
2.	Number Of Questions in Theory Paper	7	8	9	4	28 Questions
Total Marks allocate for Written Paper		7	16	27	20	70 Marks

Hindi

पाठ्यक्रम

अपठित बोध -	अपठित गद्यांश व पद्यांश
कार्यालयी हिंदी और रचनात्मक लेखन -	निबंध, कार्यालयी पत्र, जनसंचार माध्यम और पत्रकारिता के विविध आयामों पर लघूत्तरात्मक प्रश्न, फीचर-लेखन, रिपोर्ट-लेखन।
साहित्य (आरोह (काव्य)) -	कबीर, मीरा, वे आँखें, घर की याद, चंपा काले काले अच्छर नहीं चीन्हती, गजल, हे भूख! मत मचल, हे मेरे जूही के फूल जैसे ईश्वर, सबसे खतरनाक, आओ, मिलकर बचाएँ।
साहित्य (आरोह (गद्य)) -	नमक का दारोगा, मियाँ नसीरुद्दीन, अप्पू के साथ ढाई साल, विदाई-संभाषण, गलता लोहा, रजनी, जामुन का पेड़, भारत-मात, आत्मा का ताप।
वितान -	भारतीय गायिकाओं में बेजोड़ : लता मंगेशकर, आलो-आँधारि।

अंक-विभाजन

खंड 'क' अपठित बोध (15)

अपठित गद्यांश	10
अपठित पद्यांश	5

खंड 'ख' कार्यालयी हिंदी और रचनात्मक लेखन (25)

निबंध (विकल्प सहित)	10
कार्यालयी पत्र (विकल्प सहित)	5
जनसंचार माध्यम और पत्रकारिता के विविध आयामों पर लघूत्तरात्मक प्रश्न।	1x 5
फीचर-लेखन अथवा रिपोर्ट-लेखन	5

खंड 'ग' साहित्य (50)

1. आरोह अ. (काव्य भाग)	20
काव्यांश पर अर्थग्रहण से संबंधित चार प्रश्न	2+2+2+2=8
एक काव्यांश के सौंदर्यबोध पर दो प्रश्न	3+3=6
कविता की विषयवस्तु पर आधारित तीन लघूत्तरात्मक प्रश्न	2+2+2=6
(ब) गद्य भाग	15
गद्यांश पर आधारित अर्थग्रहण से संबंधित तीन प्रश्न	2+2+2=6
पाठों की विषयवस्तु पर आधारित तीन बोधात्मक प्रश्न	3+3+3=9
2. वितान (पाठ्यपुस्तक)	15
पाठों की विषयवस्तु पर आधारित एक मूल्यपरक प्रश्न	5
विषयवस्तु पर आधारित निबंधात्मक प्रश्न	5+5=10



PE

Unit	Name	Marks
1	Changing Trends and Careers in Physical Education	9
2	Olympic Movement	9
3	Physical Fitness, Wellness and Lifestyle	3
4	Physical Education & Sports for Differently Abled	3
5	Yoga	8
6	Physical Activity & Leadership Training	9
7	Test and Measurement & Evaluation	4
8	Fundamentals of Anatomy and Physiology	6
9	Kinesiology, Biomechanics & Sports	4
10	Psychology & Sports	3
11	Training In Sports	6
12	Doping	6
	Total	70 marks