

Grade 11 Syllabus and Blueprint of Final Term Exam

English

Syllabus

1. All writing skills
2. All chapters from Hornbill and Snapshots

BLUE PRINT

SECTION A (UPDATED) READING COMPREHENSION: 30 Marks

The section A will have two questions.

Reading Unseen Passage and Note making

A.

The total length of the two passages will be between 800-900 words.

Five Multiple Choice type question (1 mark each),

Nine Very Short Answer Type Questions including Three 3 Questions on vocabulary (1 mark each)

and Three Short answer type question (2 marks each) (total 20 Marks) shall be asked from this

b. Two Long Answer Type Questions to be answered ;first will be note making and second will be summary in 100 words.

SECTION B

WRITING SKILLS: 30 Marks

a. One Short Answer Question,e.g.,advertisement and notices, designing or drafting posters (4 Marks)

b. Letters based on verbal / visual input.- 6 Marks

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

c. Two Very Long Answer Questions to be answered in 150-200 words: Two compositions based on visual and/or verbal Input may be descriptive or argumentative in nature such as an article/a debate/ a speech or a report- (10x2=20 Marks)

SECTION C

LITERATURE:

Questions from the following texts to test comprehension at different levels , like literal, inferential and evaluative:-

1. Hornbill: Textbook published by NCERT, New Delhi

2. Snapshots: Supplementary Reader published by NCERT, New Delhi .

I. Very Short Answer Questions -Based on an extract from poetry to test Comprehension and appreciation. (4 Marks)

II. Four Short Answer Questions based on prose/drama/poetry from both texts(4X3=12 Marks)

III. Two Long Answer Questions from Snapshots (to be answered in 120-150 words) -Based on theme, plot, incidents or events to test global comprehension and extrapolation beyond the texts. 6 Marks *2

IV.Two Long Answer Questions from Hornbill (to be answered in 120-150 words) – Based on understanding appreciation, analysis and interpretation of the characters/events/episodes/incidents . 6 Marks*2

Physics

Class XI -Term 2 blueprint of question paper (2018-19)

Chapters	VSA (1 mk)	SA (2 mks)	SA (3 mks)	LA (5 mks)	Total
Unit and Measurement	1(1)	1(2)			2(3)
Motion in a Straight line and motion in a plane		2(4)	2(6)		4(10)
Laws of motion	1(1)		2(6)		3(7)
Work, Power and Energy			2(6)		2(6)
System of Particles and Rotational Motion	1(1)	1(2)	1(3)		3(6)
Gravitation		1(2)	1(3)		2(5)
Mechanical properties of solids and fluids		1(2)	1(3)	1(5)	3(10)
Thermodynamics and kinetic Theory of Gases			2(6)		2(6)
Oscillations and waves	1(1)	1(2)	1(3)	1(5)	4(11)
Ray Optics	1(1)			1(5)	2(6)
Total	5(5)	7(14)	12(36)	3(15)	No of questions: 27 Total Marks : 70

DESIGN OF THE PAPER

Type of Question(s)	Mark(s) per Question	Total no of Questions	Total Marks
VSA	1	5	5
SA-I	2	7	14
SA-II	3	12	36
LA	5	3	15
TOTAL		27	70

Chemistry

Unit	Chapter's name	Marks weightage
1	Some basic concepts of Chemistry	4
2	Structure of atom	6
3	Classification of elements and periodicity in properties	4
4	Chemical Bonding	5
5	States of matter (Gaseous state, solid state, Vapour pressure only from liquid state)	5
6	Thermodynamics	5
7	Equilibrium	8
8	Redox reactions	4
10	s- Block elements	3
11	Some p-Block elements (basic concepts of group 13,14 and 15)	4
12	Organic Chemistry- some basic principles	10
13	Hydrocarbons	12
	Total-	70

Mathematics

Syllabus

1. Relations and functions
2. Trigonometric functions
3. Linear Programming
4. Permutations and combinations
5. Binomial theorem
6. Sequences and series
7. Straight lines
8. Conic sections
9. Introduction to three dimensional geometry
10. Limits and derivatives
11. Probability

BLUE PRINT

UNIT	VSA	SA	LA-I	LA-II	TOTAL
Relations and functions	1(1)	-	4(1)		5(2)
Trigonometric functions	-	2(1)	4(2)	-	10(3)
Linear Programming	-	-	-	6(1)	6(1)
Permutations and combinations	1(1)	2(1)	4(1)		7(3)
Binomial theorem	-	2(2)	-	6(1)	10(3)
Sequences and series	-	-	4(1)	6(1)	10(2)
Straight lines	-	2(2)	4(1)	-	8(3)
Conic sections	1(2)	-	4(2)	-	10(4)

Introduction to three dimensional geometry	-	2(1)	4(1)	-	6(2)
Limits and derivatives	-	2(1)	4(1)	6(2)	18(4)
Probability	--	-	4(1)	6(1)	10(2)
Total	4(4)	16(8)	44(11)	36(6)	100(29)

Economics

Topic	Marks
Part A - Introductory Microeconomics	
Introduction	4
Consumer's Equilibrium and Demand	13
Producer behaviour and Supply	13
Forms of Market and Price determination	10
Part B-Statistics	
Introduction	13
Collection, Organization and Presentation of data of data	
Statistical tools and interpretation of data	27
Project	20
Total	100

Computer Science	
Topic	Marks
Unit 1 - Computer Fundamentals	10
1. Computer fundamentals	
· Software Concepts	
· Number Systems	
· Microprocessor basics and Memory Concepts	
Unit 2 - Programming Methodology	12
5. Programming Methodology	
· Algorithms and Flowcharts	
Unit 3 - Introduction to C++	14
7. Getting Started with C++	
· Data Types, Variables and constants	
· Operators and Expressions	
Unit 4 - Programming in C++	34
10. Flow of Control	
· Functions	
· Structured Data Type Arrays	
· Structures	
Total	70

Biology

Name of the Unit and Chapter	Total
Unit I: 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

Annual Examinations 2018-19: Grade XI

Ch.No.	Topic	Weightage (Marks)
2	Methods of Enquiry in Psychology	8
4	Human Development	8
5	Attentional and Perceptual Processes (pg 93 to 105)	8
6	Learning	13
7 & 8	Human Memory & Creative Thinking (pg 157 to 162)	16
9	Motivation and Emotion	17
Total Marks		70

WEIGHTAGE :TYPE OF QUESTIONS

S.NO.	Types of questions	Marks for each question	No. of questions	Total marks	Percentage (%)
01	Learning Checks	1	10	10	14
02	Very Short Answer Type Questions	2	6	12	17
03	Short Answer Type Questions - I	3	4	12	17
04	Short Answer Type Questions - II	4	6	24	35
05	Long Answer Type questions	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) NOTES ON BIOCHEMICAL TECHNIQUES CELLULAR TECHNIQUES	12
2.	UNIT -III Chapter –II GENES AND GENOMES: STRUCTURE AND FUNCTION (pg.64-91)	33
3.	UNIT IV Chapter 1 and II STEM CELLS (pg 108-109)and EXTRA NOTES REPRODUCTION IN MICROBES (pg. 123-124) IVF (pg.128-129) IMMUNE RESPONSE (pg. 131-136) FISH FROM NOTES	25

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	10
2.	Accounting Process	63
	Total	73
Part B	Financial Accounting - II	
3.	Financial Statements of Sole Proprietorship	12
4.	Balance Sheet of a company	5
	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 including formation of a company	
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>	UNIT	Marks allocated in Examination
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	20
Nature and sources of Law 1- Nature and Meaning of Law 2- Classification of Law 3- Sources of Law 4- Law Reform	UNIT 2	22
Historical Evolution of the Indian Legal System 1: Making of the Indian Constitution	UNIT 3	7
Judiciary- Constitutional, civil and Criminal Courts and processes	UNIT 4	20
Family Justice System	UNIT 5	20
Topics of Law: Introduction to criminal laws in India	UNIT 2(D) Textbook-II	13

**Design of the 100 mark Question Paper for First 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 2018- 19 Subject: Home Science Class XI
Syllabus for Annual Examination

<u>UNITS</u>	Marks allocated in Annual Examination
I and II- Concept of Home Science and its scope And Human Development	4
III- Food, Nutrition, Health and fitness	21
IV- Family and community resources	19
V- Fabric & Apparel	20
VI- Community Development and Extension	6

Design of the 70 mark Question Paper for Annual Examination
Question Wise Division of Marks

S.No	Particulars	Question Paper Design					Total
		1 mark	2Marks	3 Marks	4 Marks	5 Marks	
1.	Marks For Each Question						
2.	Number Of Questions in Theory Paper	6	7	2	6	4	25 Questions
Total Marks allocate for Written Paper		6	14	6	24	20	70 Marks

Web Application

Syllabus

1	Multimedia Authoring - Animation Tools Session 1: Animation Concept Session 2: Frames and Layers Session 3: Motion and Shape Tweening Session 4: Importing AV file Session 5: Multimedia Publishing
2.	Digital Content Creation-Adding Styles to Web Pages Session 1: Basics about HTML Session 2: Basics about CSS Session 3: CSS Properties (given in textbook and in the handouts) Session 4: Publishing Website or Webpage
3.	Web Scripting JavaScript Session 1: Creating Interactive Web pages with scripts Session 2: Variables and Operators Session 3: Decision making using if and switch (Programs in handout) Session 4: Iterations: Loops (Programs in handout) Session 5: Window Object (handout and textbook) Session 6: Popup Boxes Session 7: Arrays Session 8: Functions

Blueprint

Type of Question(s)	Mark(s) per Question	Total no of Questions	Total Marks
MCQ/Fill in the blanks	1	6	6
Very Short Answers	2	8	16
Short Answers	3	6	18
Long Answers	5	2	10
HTML Program	10	1	10
TOTAL		23	60

Sociology

<u>TOPICS</u>	Marks allocated in First Term Examination
1. Social Structure, Stratification and Social Processes in Society 2. Social Change and Social Order in Rural and Urban Society 3. Environment and Society	44
4. Introducing Western Sociologists 5. Indian Sociologists 6. Doing Sociology: Research Methods	36

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

Fine Arts

Bengal School- 15 marks
 Contemporary Indian Art - 25 marks
 Total - 40 marks

History

Syllabus :

Themes in World History

Chapter 6 -- Three Orders

Chapter 7 -- Changing Cultural Traditions

Chapter 9 --The Industrial Revolution

Chapter 10 -- Displacing Indigenous Population

Chapter 11-- Paths to Modernisation (Japan)

Themes in Indian History (Part 1)

Chapter 1 --Bricks Beads and Bones

Chapter 2 -- Kings Farmers and Towns

Map work from

Bricks Beads and Bones (Harappan sites)

Kings Farmers and Towns (Mahajanapadas , Ashokan Rock and Pillar edicts)

QUESTION WISE BREAK UP

Type of Question(s)	Mark(s) per Question	Total no of Questions	Total Marks
Very Short Answers	2	4	8
Short Answers	4	5	20
Long Answers	8	4	32
Source Based	5	3	15
Map	5	1	5
TOTAL		17	80

Geography

INDIA: PHYSICAL ENVIRONMENT

1. Structure and Physiography
2. Drainage System
3. Climate
4. Natural Vegetation
5. Soils
6. Natural Hazards and Disasters

INDIA: Physical Geography

1. Origin and Evolution of the Earth
2. Interior of the Earth
3. Distribution of Oceans and Continents
4. Minerals and Rocks
5. Geomorphic Processes
6. Landforms and their evolution
7. Composition and Structure of Atmosphere
8. Solar Radiation, Heat Balance and Temperature
9. Atmospheric Circulation
10. Water in Atmosphere
11. Water
12. Movement of Ocean Water
13. Life on Earth
14. Biodiversity and Conservation

BLUEPRINT

<u>Form of questions</u>	<u>No. of Questions</u>	<u>Marks for each question</u>	<u>Total marks</u>	<u>Estimated time (in minutes)</u>
<u>Long answer (L.A)</u>	7	5	35	55 minutes
<u>Short answer (S.A)</u>	6	3	18	70 minutes
<u>Very short answer (V.S.A)</u>	7	1	7	20 minutes
<u>Map question</u>	2	5	10	15 minutes
<u>Total</u>	22	-	70	160 minutes + 20 minutes for revision

Political Science

Sr#	Chapter # & Name	Weightage (Mks)
	Grd 11 Textbook : POLITICAL THEORY	
	L-2 Freedom	16
	L-3 Equality	
	L-4 Social Justice	
	L-7 Nationalism	22
	L-8 Secularism	
	L-9 Peace	
	Grd 11 Textbook : INDIAN CONSTITUTION AT WORK	
	L-1 Constitution:Why and How	22
	L-2 Rights in the Indian Constitution	
	L-3 Election and Representation	
	L-4 Executive	
	L-5 Legislature	25
	L-6 Judiciary	
	L-7 Federalism	
	L-9 Constitution as a Living Document	
	L-10 The Philosophy of the Constitution	

	Grd12 Textbook : POLITICS IN INDIA SINCE INDEPENDENCE		
	L-1 Challenges to Nation Building	15	
	L-3 Politics of Planned Development		
	International Organizations (ONLY from handout given)		
DESIGN OF THE PAPER			
Type of Question(s)	Mark(s) per Question	Total no of Questions	Total Marks
VSA	1	5	5
SA-I	2	5	10
SA-II	4	6	24
LA-I	5	5	25
LA-II	6	6	36
TOTAL	---	27	100

Fashion studies

<u>UNITS</u>	Marks allocated in First Term Examination
1. Overview Of Fashion 2. Introduction to Fibres, Dyeing & Printing 3. Design Fundamentals 4. History Of Fashion	13 18 13 22

**Design of the 70 mark Question Paper for Annual 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	5	28 Questions
Total Marks allocate for Written Paper		7	16	27	20	70 Marks

PE

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