

**DAV PUBLIC SCHOOL SECTOR 49, GURUGRAM  
FINAL TERM SYLLABUS CLASS XI**

**ENGLISH**

**READING SKILLS (SECTION A)-**

Unseen comprehension- -12 Marks

Note making and summarizing- - 8 Marks

**WRITING SKILLS AND GRAMMAR (SECTION B)-**

*Short Answer Questions:* Based on notice/ poster/ advertisement - 4 Marks

*Long Answer Questions:* Letters based on verbal/visual input. - 6 Marks

It would cover all types of letters. Letter types may include:

(a) business or official letters (for making enquiries, registering complaints, asking for and giving information, placing orders and sending replies)

(b) letters to the editor (giving suggestions/opinions on an issue)

(c) application for a job with a bio-data or resumé

(d) letter to the school or college authorities, regarding admissions, school issues, requirements / suitability of courses, etc.

*Very Long Answer Question:* Composition in the form of article/speech/debate/report writing or a narrative - 10 Marks

**Grammar:** - 10 Marks

A. Error Correction, editing tasks

B. Re - ordering of sentences,

C. Transformation of sentences

**LITERATURE (SECTION C)-**

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

1. Hornbill: Textbook (All chapters)

2. Snapshots: Supplementary Reader (All chapters)

***Weightage to form of questions-***

***3 Very Short Answer Questions*** out of four - Based on an extract from poetry to test reference to context comprehension and appreciation. - (1x3=3 Marks)

**3 Short Answer Questions** out of four - Based on prose, poetry and plays from both the texts.  
-( 3x3=9Marks)

**One Long Answer Question** out of two from Hornbill ( to be answered in120-150 words) Based on prescribed texts to test global comprehension and extrapolation beyond the texts . 6 Marks

**One Long Answer Question** out of two from Snapshots ( to be answered in120-150 words) - Based on theme, plot, incidents or events to test global comprehension and extrapolation beyond the texts. 6 Marks

**One Long Answer Question** out of two from Hornbill ( to be answered in120-150 words) - Based on understanding appreciation, analysis and interpretation of the characters/events/episodes/incidents . 6 Marks

### ASL- 20 MARKS

### PHYSICS

MAX. MARKS:70

UNIT-I	<b>Physical World and Measurement</b> Chapter 1: Physical World Chapter 2: Units and Measurements	20 Marks
UNIT-II	<b>Kinematics</b> Chapter 3: Motion in a Straight Line Chapter 4: Motion in a Plane	
UNIT-III	<b>Laws of Motion</b> Chapter 5: Laws of Motion	
UNIT- IV	<b>Work, Energy and Power</b> Chapter 6: Work, Energy and Power	17 Marks
UNIT- V	<b>Motion of System of Particles and Rigid Body</b> Chapter 7: Motion of System of Particles and Rigid Body	
UNIT- VI	<b>Gravitation</b> Chapter 8: Gravitation	
UNIT- VII	<b>Properties of Bulk Matter</b> Chapter 9: Mechanical Properties of Solids Chapter 10: Mechanical Properties of Fluids Chapter 11: Thermal Properties of Matter	16 Marks
UNIT – VIII	<b>Thermodynamics</b> Chapter 12: Thermodynamics	
UNIT - IX	<b>Behaviour of Perfect gases and Kinetic theory of gases</b> Chapter 13 : Behaviour of Perfect gases and Kinetic theory of gases	
UNIT - X	<b>Mechanical Waves and Ray Optics</b> Chapter 14 : Oscillations and Waves Chapter 15 : Ray Optics	17 marks
	<b>Total</b>	70 marks

MARKS	NO. OF QUESTIONS	TOTAL MARKS
1	5	5
2	7	14
3	12	36
5	3	15
TOTAL	27 QUESTIONS	70MARKS

### **CHEMISTRY**

S. NO.	UNITS	MARKS
UNIT-I	SOME BASIC CONCEPTS OF CHEMISTRY	08
UNIT-II	STRUCTURE OF ATOM	
UNIT-III	CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES	04
UNIT-IV	CHEMICAL BONDING AND MOLECULAR STRUCTURE	20
UNIT-V	STATES OF MATTER- GASES, LIQUIDS AND SOLIDS	
UNIT-VI	CHEMICAL THERMODYNAMICS	
UNIT-VII	EQUILIBRIUM	
UNIT-VIII	REDOX REACTIONS	20
UNIT-IX	HYDROGEN	
UNIT-X	S- BLOCK ELEMENTS	
UNIT-XI	P-BLOCK ELEMENTS	
UNIT-XII	ORGANIC CHEMISTRY: SOME BASIC PRINCIPLES AND TECHNIQUES	18
UNIT-XIII	HYDROCARBONS	
UNIT-XIV	ENVIRONMENTAL CHEMISTRY	
	<b>TOTAL</b>	<b>70</b>

MARKS	NO. OF QUESTIONS	TOTAL MARKS
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1	5	5
2	7	14
3	12	36
5	3	15
<b>TOTAL</b>	<b>27 QUESTIONS</b>	<b>70 MARKS</b>

### **BIOLOGY**

	<b>UNITS</b>	<b>MARKS</b>
UNIT-I	DIVERSITY IN LIVING WORLD	07
UNIT -II	STRUCTURAL ORGANISATION IN PLANTS AND ANIMALS	12
UNIT-III	CELL : THE UNIT OF LIFE	15
UNIT-IV	PLANT PHYSIOLOGY	18
UNIT-V	HUMAN PHYSIOLOGY	18

### **MATHEMATICS**

<b>S.NO.</b>	<b>TOPIC</b>	<b>MARKS</b>
UNIT-1	SETS AND FUNCTIONS	29
UNIT-2	ALGEBRA	37
UNIT-3	COORDINATE GEOMETRY	13
UNIT-4	CALCULUS	06
UNIT-5	MATHEMATICAL REASONING	03
UNIT-6	STATISTICS AND PROBABILITY	12
	<b>TOTAL</b>	<b>100</b>

<b>MARKS</b>	<b>NO. OF QUESTIONS</b>	<b>TOTAL MARKS</b>
1	4	4
2	8	16
4	11	44
6	6	36
<b>TOTAL</b>	<b>29 QUESTIONS</b>	<b>100MARKS</b>

## ECONOMICS

S.N.	TOPIC	MARKS
	<b>TOTAL</b>	<b>80</b>
<b>PART I</b>	<b>MICRO ECONOMICS</b>	<b>40</b>
1	INTRODUCTION AND CENTRAL PROBLEMS OF AN ECONOMY	4
2	CONSUMER'S EQUILIBRIUM AND DEMAND	13
3	PRODUCER BEHAVIOUR AND SUPPLY	13
4	FORMS OF MARKET AND PRICE DETERMINATION UNDER PERFECT COMPETITION WITH SIMPLE APPLICATIONS	10
<b>PART II</b>	<b>STATISTICS</b>	<b>40</b>
1	INTRODUCTION	13
2	COLLECTION, ORGANIZATION AND PRESENTATION OF DATA	
3	STATISTICAL TOOLS AND INTERPRETATION	27
	a) MEASURES OF CENTRAL TENDENCY – MEAN , MEDIAN, MODE	
	b) MEASURES OF DISPERSION- RANGE, QUARTILE DEVIATION, STANDARD DEVIATION, MEAN DEVIATION, LORENZ CURVE	
	c) CORRELATION	
	d) INDEX NUMBERS	

MARKS	NO. OF QUESTIONS	TOTAL MARKS
1	8	8
3	4	12
4	6	24
6	6	36
<b>TOTAL</b>	<b>24 QUESTIONS</b>	<b>80MARKS</b>

## B.STUDIES

UNIT	S.N.	TOPIC	MARKS
		<b>PART-I FOUNDATION OF BUSINESS</b>	
<b>I</b>	<b>1</b>	EVOLUTION AND FUNDAMENTALS OF BUSINESS	<b>20</b>
	<b>2</b>	FORMS OF BUSINESS ORGANISATIONS (INCLUDING FORMATION OF COMPANY)	

II	3	PRIVATE,PUBLIC AND GLOBAL ENTERPRISES	18
	4	BUSINESS SERVICES	
III	5	EMERGING MODES OF BUSINESS	12
	6	SOCIAL RESPONSIBILITIES OF BUSINESS AND BUSINESS ETHICS	

**PART –II**

IV	7	SOURCES OF BUSINESS FINANCE	20
	8	SMALL BUSINESS AND ENTERPRISES	
V	9	INTERNAL TRADE	20
	10	INTERNATIONAL BUSINESS I & II	
		<b>TOTAL (THEORY)</b>	<b>90</b>
		<b>PROJECT WORK</b>	<b>10</b>
		<b>TOTAL</b>	<b>100</b>

MARKS	NO. OF QUESTIONS	TOTAL MARKS
1	8	8
3	6	18
4	5	20
5	4	20
6	4	24
<b>TOTAL</b>	<b>27 QUESTIONS</b>	<b>90 MARKS</b>

**ACCOUNTANCY**

S.no	Chapter	Weightage
	<b>PART - A</b>	
UNIT - 1	THEORETICAL FRAMEWORK	15
UNIT - 2	ACCOUNTING PROCESS	40
	<b>PART – B</b>	
UNIT - 3	FINANCIAL STATEMENTS OF SOLE PROPRIETORSHIP FROM COMPLETE AND INCOMPLETE RECORDS	25
UNIT -4	COMPUTERS IN ACCOUNTING	10
	<b>TOTAL</b>	<b>90</b>

Marks	No. of Questions	Total
1	6	6
3	6	18

4	5	20
6	5	30
8	2	16
		90(24)

### POLITICAL SCIENCE

S. No.	Chapter	VSA(1)	SA (2)	SA (4)	VBQ(5)	LA (6)	Total
1	Constitution why and-how and philosophy of the constitution		1		1		
2	Rights in the Indian constitution	1		1			12
3	Election and representation	1	1				
4	The executive	1				1	10
5	The legislature			1			
6	The Judiciary					1	10
7	Federalism	1					
8	Local government		1			1	9
9	Constitution as a living document			1	1		9
10	Political theory : an introduction			1			
11	Freedom					1	10
12	Equality	1	1		1		
13	Social justice		1				10
14	Rights			1			
15	Citizenship					1	10
16	Nationalism				1		
17	Secularism					1	11
18	Peace				1		
19	Development			1			9
	<b>Total</b>	5	10	24	25	36	<b>100</b>

## HISTORY

CHAPTER WISE DIVISION OF MARKS -

MM-80

CHAPTER 1	SECTION A:	EARLY SOCIETIES-	15 MARKS
CHAPTER 2	SECTION B:	EMPIRES -	20 MARKS
CHAPTER 3	SECTION C	CHANGING TRADITIONS	20 MARKS
CHAPTER 4	SECTION D	PATHS OF MODERNIZATION	20 MARKS

**MAP WORK**  
**PROJECT WORK**

**5 MARKS**  
**20 MARKS**

**WEIGHTAGE OF MARKS:**

CHAPTERS	2 MARKER	4 MARKER	5 MARKER	8 MARKER
CHAPTER 1 SECTION A ; EARLY SOCIETIES	2*1=2	4*1=4		8*1=8
CHAPTER 2 SECTION B; EMPIRES	2*1=2	4*1=4	5*1=5	8*1=8
MAP			5	
CHAPTER 3 SECTION C CHANGING TRADITIONS	2*1=2	4*1=4	5*1=5	8*1=8
CHAPTER 4 SECTION D PATHS OF MODERNIZATION	2*1=2	4*2=8	5*1=5	8*1=8

## **GEOGRAPHY**

**Book 1**

35 Marks

Theory- 30 Marks

Map Work – 5 Marks

Unit - 2

3 Marks

The origin and evolution of Earth

Interior of the Earth

Distribution of Oceans and Continents

Unit - 3	8 Marks
Minerals and Rocks	
Geomorphic Processes	
Landforms and Evolution	
Unit - 4	11

Marks

Composition and structure of atmosphere  
 Solar radiation, Heat Balance and Temperature  
 Atmospheric circulation and weather systems  
 Water in the Atmosphere

Unit – 5	5 Marks
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Water  
 Movement of Ocean water

Unit - 6	5 Marks
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Life on the Earth  
 Biodiversity and conservation

<b>BOOK 2</b>	35
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Theory- 30 Marks	Marks
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Map Work – 5 Marks	
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Unit – 1	4 Marks
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India- Location

Unit – 2	11
	Marks

Structure and Physiography

Drainage System

Unit – 3	13
	Marks

Climate

Natural Vegetation

Soils

Map work	10
	Marks

**FINE ART**

1. Introduction, Pre historic rock painting and art of Indus Valley	10
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2. Buddhist, Jain and Hindu art, Ajanta	15
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3. Temple Sculpture, Bronzes and Artistic aspects of Indu- Islamic architecture	15
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**COMPUTER SCIENCE**

Unit No.	Unit Name	Marks
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<b>Unit No.</b>	<b>Unit Name</b>	<b>Marks</b>
1.	Programming and Computational Thinking – 1	35
2.	Computer Systems and Organisation	10
3.	Data Management – 1	15
4.	Society, Law and Ethics – 1	10
	<b>Total</b>	<b>70</b>

### **PHYSICAL EDUCATION**

TOTAL WEIGHTAGE 70 MARKS

Unit 1 Changing trends and careers in physical education

Unit 2 Olympic Movement

Unit 3 Physical fitness, wellness and lifestyle

Unit 4 Physical education and sports for differently abled

Unit 5 Yoga

Unit 6 Physical activity and leadership training

Unit 7 Test, Measurement and Evaluation

Unit 8 Fundamentals of Anatomy and Physiology

Unit 9 Kinesiology, Biomechanics & Sports

Unit 10 Psychology & Sports

Unit 11 Training in Sports

Unit 12 Doping