

NARULA PUBLIC SCHOOL , MOGRA

SESSION - 2023- 2024

GRADE- XI (SCIENCE)

**SUBJECTS- PHY.EDU, ENGLISH, CHEMISTRY,PHYSICS,MATHEMATICS,BIOLOGY,PSYCHOLOGY, COMPUTER SCIENCE
SYLLABUS (2023-24)**

SUBJECT –ENGLISH

BOOKS	PRE-MIDTERM
	LANGUAGE
	COMPREHENSION(factual,descriptive orliterary/ discursive orpersuasive)
	GRAMMAR: Gapfilling(Tenses,Clauses) &re-ordering/transformationof sentence
	LITERATURE
HORNBILL	Prose
	1. The Portraitof aLady
SNAPSHOTS: SUPPLEMENTARY READER	Prose
	1. The Summer of theBeautiful White Horse
BOOKS	MID-TERM
	LANGUAGE
	COMPREHENSION
	I. One unseen passage -factual,descriptive orliterary
	II. One unseen case-based passage with verbal/visual inputs like statistical data, charts etc.
	III. Note Making and Summarization based on a passage of approximately 200-250 words.
	WRITING
	i. Short writing task –Classified Advertisements up to 50 words.
	ii. Short writing task –Poster up to 50 words.
	iii. Speech (120-150 words) based on verbal/visual cues on contemporary topical issues
	iv. Debate (120-150 words) based on visual/verbal input on contemporary topical issues
	GRAMMAR
	i. Questions on Gapfilling (Tenses, Clauses)
	ii. Questions on re-ordering/transformation of sentence
	LITERATURE
HORNBILL	Prose
	1. The Portrait of a Lady
	2. “We’re Not Afraid to Die...if we can be together
	3. Discovering Tut: The Saga Continues
	Poetry
	1. A Photograph
	2. The Laburnum Top
SNAPSHOTS: SUPPLEMENTARY READER	Prose
	1. The Summer of the Beautiful White Horse (Prose)
	2. The Address (Prose)
	Play
	1. Mother’s Day (Play)
BOOKS	POST MIDTERM
	LANGUAGE
	Note Making and Summarization based on a passage of approximately 200-250 words.
	GRAMMAR

	i. QuestionsonGapfilling(Tenses, Clauses)
	ii. Questionsonre-ordering/transformation ofsentence
	LITERATURE
HORNBILL	Prose

MONTH/EXAM.	THEORY (CHAPTERS)	PRACTICAL
HORNBILL	1. Silk Road	
	Poetry	
	1. Childhood	
BOOKS	YEARLY EXAM	
	LANGUAGE	
	COMPREHENSION	
	I. One unseen passage -factual, descriptive or literary	

	II. One unseen case-based passage with verbal/visual inputs like statistical data, charts etc.
	III. Note Making and Summarization based on a passage of approximately 200-250 words.
	WRITING
	i. Short writing task – Classified Advertisements up to 50 words.
	ii. Short writing task – Poster up to 50 words.
	iii. Speech (120-150 words) based on verbal/visual cues on contemporary topical issues
	iv. Debate (120-150 words) based on visual/verbal input on contemporary topical issues
	GRAMMAR
	i. QuestionsonGapfilling(Tenses, Clauses)
	ii. Questionson re-ordering/transformation of sentence
	LITERATURE
HORNBILL	Prose
	1. The Portrait of a Lady
	2. “We’re Not Afraid to Die... if we can be together
	3. Discovering Tut: The Saga Continues
	4. The Adventure
	5. Silk Road
	Poetry
	1. A Photograph
	2. The Laburnum Top
	3. The Voice of the Rain
	4. Childhood
	5. Father to Son
SNAPSHOTS: SUPPLEMENTARY READER	Prose
	1. The Summer of the Beautiful White Horse
	2. The Address
	3. Birth
	Play
	1. Mother’s Day
	Poetry
	1. The Tale of Melon City

INTERNAL ASSESSMENT

Assessment of Listening Skills-05 marks. Assessment of Speaking Skills-05 Marks Project Work- 10

Mark

SUBJECT –PHYSICAL EDUCATION

Book-Health and Physical Education (Dr. V K Sharma) Saraswati Publishers

PRE-MID TERM /JUNE-JULY	<ol style="list-style-type: none"> 1. Changing Trends and Careers in physical education. 2. Olympic Value Education 	<ol style="list-style-type: none"> 1. Physical Fitness Test 2. Yoga practices 3. Viva 4. Project 5. Proficiency in Games and Sports
MID-TERM /JUNE -SEPT	<ol style="list-style-type: none"> 1. Physical Fitness, Wellness and Lifestyle. 2. Physical Education and sports for CWSN. (Children with special Needs- Divyang) 3. Yoga 	<ol style="list-style-type: none"> 6. Physical Fitness Test 7. Yoga practices 8. Viva 9. Project 10. Proficiency in Games and Sports
POST MID TERM /OCTOBER-DECEMBER	<ol style="list-style-type: none"> 1. Physical Activity and Leadership Training 2. Test, Measurement and Evaluation 	<ol style="list-style-type: none"> 11. Physical Fitness Test 12. Yoga practices 13. Viva 14. Project 15. Proficiency in Games and Sports
YEARLY / APRIL FEBRUARY	<ol style="list-style-type: none"> 1. Fundamentals of Anatomy, Physiology and Kinesiology in Sports. 2. Psychology and Sports 3. Training and Doping in Sports 4. Test ,Measurements and Evaluation 	<ol style="list-style-type: none"> 16. Physical Fitness Test 17. Yoga practices 18. Viva 19. Project 20. Proficiency in Games and Sports

SUBJECT- PSYCHOLOGY

Grade XI	Psychology		Name of the book: NCERT Psychology text book XI
FA1/Pre -term assessment	Midterm assessment	Post mid term assessment	Final Assessment
Ch 1 What is psychology	Ch 4 human development	Ch 3 basis of human behaviour	Ch 7 Human memory
Ch 2 methods of enquiry in psychology	Ch 5 sensory attentional and perceptual process	Ch 4 human development	Ch 8 Thinking
	Ch 2 Methods of Enquiry in psychology	Ch 6 Learning	Ch 9 Motivation and emotion
	Syllabus of FA 1 included		Syllabus of FA 1, premidterm, postmidterm will be included
Subject Enrichment Activities: Project/ practical/ Viva-Voce Assessments and assignments	Subject Enrichment Activities: Project/ practical Assessments and assignments Viva-Voce	Subject Enrichment Activities: Project/ practical Assessments and assignments Viva-Voce	Subject Enrichment Activities: Project/ practical Assessments and assignments Viva-Voce

SUBJECT- MATHEMATICS

EXMAS/MONTHS	NCERT	R.D.SHARMA
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PRE-MID TERM (JUNE-JULY)	THE CORRESPONDING CHAPTERS OF NCERT	1.SET 2.COMPLEX NUMBER 3.MEASURE OF ANGLE 4.TRIGONOMETRIC FUNCTIONS 5.GRAPHS OF TRIGONOMETRIC FUNCTIONS.
MID-TERM (JULY-SEPT)	THE CORRESPONDING CHAPTERS OF NCERT	1.TRIGONOMETRIC RATIOS OF COMPOUND ANGLES 2. TRANSFORMATION FORMULAE 3.TRIGONOMETRIC RATIOS OF MULTIPLE AND SUBMULTIPLE ANGLES. 4.SINE AND COSINE FORMULAE AND THEIR APPLICATIONS 5.TRIGONOMETRIC EQUATIONS 6.MATHEMATICAL INDUCTION
POST-MID TERM (OCTOBER-DECEMBER)	THE CORRESPONDING CHAPTERS OF NCERT	1.RELATIONS AND FUNCTIONS 2.QUADRATIC EQUATIONS 3.LINEAR INEQUALITIES 4.LIMITS AND DERIVATIVES 5.PERMUTATIONS AND COMBINATIONS 6.BINOMIAL THEOREM 7.INTRODUCTION TO 3-D GEOMETRY
YEARLY/FINAL (APRIL-FEBRUARY)	THE CORRESPONDING CHAPTERS OF NCERT	1.STATISTICS 2.PROBABILITY 3. SERIES AND SEQUENCE (A.P & G.P) 4. STRAIGHT LINES 5.CIRCLE 6. PARABOLA 7.ELIPSE 8. HYPERBOLA AND ALL THE CHAPTERS FROM PRE-MID TERM,MID-TERM & POST MID TERM.

INTERNAL ASSESSMENT	20 MARKS
PERIODIC TEST(BEST 2 OUT OF 3 TEST CONDUCTED)	10 MARKS
MATHEMATICS ACTIVITIES	10 MARKS

SUBJECT – CHEMISTRY

EXAMS/MONTHS	THEORY (TOTAL MARKS-70)CHAPTER/TOPIC(NCERT)& ALL IN ONE CHEMISTRY(CLASS -11) (TOTAL PERIODS- 110)	PRACTICALS
PRE-MID TERM (JUNE-JULY)	UNIT I-SOME BASIC CONCEPTS OF CHEMISTRY UNIT II- STRUCTURE OF ATOM UNIT VII-EQUILIBRIUM	A. BASIC LABORATORY TECHNIQUES B. CHARACTERIZATION AND PURIFICATION OF CHEMICAL SUBSTANCES C. EXPERIMENTS BASED ON pH D. CHEMICAL EQUILIBRIUM E. QUANTITATIVE ESTIMATION (DETECTION OF ONE ANION & ONE CATION IN A GIVEN SALT) & (DETECTION OF NITROGEN,SULPHUR, CHLORINE IN ORGANIC COMPOUNDS)
MID-TERM (JULY-SEPT)	UNIT III- CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES UNIT VI-CHEMICAL THERMODYNAMICS UNIT XII-ORGANIC CHEMISTRY –SOME BASIC PRINCIPLES AND TECHNIQUES &ALL THE CHAPTERS OF PRE-MID TERM.	
POST-MID TERM (OCTOBER-DECEMBER)	UNIT XIII-CLASSIFICATION OF HYDROCARBONS(AROMATIC HYDROCARBON) (ALIPHATIC HYDROCARBONS-ALKANES,ALKENES,ALKYNES)	PROJECT WORK- 04 MARKS
YEARLY/FINAL (APRIL-FEBRUARY)	UNIT IV-CHEMICAL BONDING AND MOLECULAR STRUCTURES UNIT VIII-REDOX REACTIONS &	CLASS RECORD AND VIVA- 04 MARKS TIME : 2 HOURS TOTAL PRACTICALS- 30 MARKS

	ALL THE CHAPTERS OF HALF YEARLY AND POST MID TERM.	TOTAL PERIODS- 60
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SUBJECT- BIOLOGY

<u>PRE-MIDTERM</u>	<u>MID-TERM</u>	<u>POST-MIDTERM</u>	<u>FINAL</u>
Chapter-1: The Living World. Chapter-2: Biological Classification. Chapter-5: Morphology of Flowering Plants. Chapter-8: Cell-The Unit of Life. Chapter-10: Cell Cycle and Cell Division	Chapter-3: Plant Kingdom. Chapter-6: Anatomy of Flowering Plant Chapter-13: Photosynthesis in Higher Plants. Chapter-17: Breathing and Exchange of Gases Chapter-18: Body Fluids and Circulation.	Chapter-4: Animal Kingdom. Chapter-14: Respiration in Plants. Chapter-19: Excretory Products and their Elimination. Chapter-20: Locomotion and Movement.	Chapter-7: Structural Organisation in Animals. Chapter-9: Biomolecules. Chapter-15: Plant - Growth and Development. Chapter-21: Neural Control and Coordination. Chapter-22: Chemical Coordination and Integration
<u>NO. OF PERIODS</u>	<u>NO. OF PERIODS</u>	<u>NO. OF PERIODS</u>	<u>NO. OF PERIODS</u>
Chapter-1: - 2	Chapter-3: 3	Chapter-4: 3	Chapter-7: 4
Chapter-2: 3	Chapter-6: 4	Chapter-14: 4	Chapter-9: 4
Chapter-5: 3	Chapter-13: 3	Chapter-19: 4	Chapter-15: 3
Chapter-8: 2	Chapter-17: 3	Chapter-20: 4	Chapter-21: 4
Chapter-10: 3	Chapter-18: 4		Chapter-22: _
<u>TOTAL= 13 periods</u>	<u>TOTAL= 17 periods</u>	<u>TOTAL= 15 periods</u>	<u>TOTAL= 17 periods</u>

SUBJECT – PHYSICS

MONTH/ EXAM	CHAPTERS
PRE-MIDTERM JUNE- JULY	Chapter–2: Units and Measurements
	Chapter–4: Motion in a Plane
MID TERM JUNE - SEPT	Chapter–3: Motion in a Straight Line
	Chapter–5: Laws of Motion
	Chapter–6: Work, Energy and Power
	Chapter–8: Gravitation
POST MID TERM OCTOBER -DECEMBER	Chapter–7: System of Particles and Rotational Motion
	Chapter–9: Mechanical Properties of Solids
	Chapter–10: Mechanical Properties of Fluids
	Chapter–11: Thermal Properties of Matter
	Chapter–12: Thermodynamics
	Chapter–13: Kinetic Theory
YEARLY APRIL – FEBRUARY	Chapter–14: Oscillations
	Chapter–15: Waves
	Chapter–2: Units and Measurements
	Chapter–4: Motion in a Plane
	Chapter–5: Laws of Motion

Chapter–8: Gravitation
Chapter–9: Mechanical Properties of Solids
Chapter–12: Thermodynamics

PRACTICALS

EVALUATION SCHEME

TIME : 3 HOURS

MAX. MARKS : 30

Topic	Marks
Two experiments one from each section	7+7
Practical record (experiment and activities)	5
One activity from any section	3
Investigatory Project	3
Viva on experiments, activities and project	5

SUBJECT- COMPUTER SCIENCE

Month	Exam	Unit Name	Chapters Name	Periods	
April-June	Pre-Mid	Unit I: Computer System and Organisation	Ch-1 : Computer System Overview	Theory	Practical
			Ch-2 : Data Representation		
			Ch-3 : Boolean Algebra		
			Ch-4 : Insights into Program Execution		
			Ch-5 :Introduction to problem Solving		
July-September	Mid Term	Unit II: Computational Thinking and Programming	Ch-6 : Getting Started with Python	40	30
			Ch-7 : Python Fundamentals		
			Ch-8 : Data Handling		
			Ch-9 : String Manipulation		
			Ch-10: Debugging Programs		
PRACTICAL: FOLLOW THE BOARD PATTERN					
October - December	Post- Mid Term	Unit II: Computational Thinking and Programming	Ch-11:List Manipulation	40	30
			Ch-12: Tuples		
			Ch-13: Dictionaries		
			Ch-14: Understanding Sorting		
PRACTICAL: Chapters from Unit II					
Copy Maintenance: 5 marks					
February -April	Yearly/Final	Unit III: Society, Law and Ethics		20	-
		All The Chapters of Pre Mid Term, Mid Term and Post -Mid Term			
PRACTICAL: Chapters From Unit II					