

SKS Group of Institutions
SYLLABUS OF CLASS-XII , 2021-2022

SUBJECT	PERIODIC TEST -1	Half Yearly	PRE-BOARD 1	PRE-BOARD 2
English	<p>March : <u>Literature</u> The Last Lesson My Mother at Sixty Six Writing Skills: Poster, Notice, Advertisement (commercial), Letter for placing order, seeking enquiry and complaint April : <u>Literature</u> An Elementary School Classroom.. Lost Spring The Tiger King On the Face of It Writing Skills : Advertisement (classified), Report (Newspaper), Invitation (Formal and Informal) Reading Skills: Note Making May: <u>Literature</u> Keeping Quiet Should Wizard Hit Mommy? Writing Skills: Speech, Report (School Magazine) June: <u>Literature</u> A thing of Beauty The Third Level Writing Skills: Editorial Letter, Application with CV Reading Skills: Note Making Mode of Assessment: Written Test: 40 Marks</p> <hr/>	<p>July : <u>Literature</u> The Rattrap Deep Water Aunt Jennifer's Tigers Poets and Pancakes Writing Skills: Article, Debate August : <u>Literature</u> Going Places Evans Tries an O'Level The Interview Writing Skills: Factual Descriptions Comprehension Grammar: Integrated Grammar September : Half Yearly (Including P.T – 1 syllabus) Mode of Assessment: Written Test: 80 Marks</p> <hr/>	<p>September: <u>Literature</u> Memories of Childhood The Enemy Writing Skills: All the writing skills October: <u>Literature</u> The Enemy (cont ...) Indigo Writing Skills: All the writing skills November : Revision and Sample Papers December: PRE-BOARD EXAM on ENTIRE SYLLABUS</p> <hr/>	<p>ENTIRE SYLLABUS</p> <p>Mode of Assessment: Written Test: 80 Marks</p>

SUBJECT	PERIODIC TEST- 1	HALF-YEARLY EXAMINATION		PRE-BOARD EXAMINATION (I + II)
<p style="text-align: center;">CHEMISTRY (043)</p> <p style="text-align: center;">NCERT TEXTBOOK OF CHEMISTRY FOR CLASS XII PART-I AND PART-II</p>	<p><u>APRIL</u> UNIT – II: Solutions UNIT – III: Electrochemistry</p> <p><u>MAY</u> UNIT – IV: Chemical Kinetics</p> <p><u>JUNE</u> UNIT – V: Surface Chemistry UNIT – VII: p-block elements</p> <p><u>PERIODIC TEST 1</u> Ch: 2, 3, 4, 5, 7</p> <p><u>Mode of Assessment</u></p> <p>Written test – 40</p>	<p><u>JULY</u> UNIT – XI: Alcohols, Phenols and Ethers UNIT – XII: Aldehydes, Ketones and Carboxylic acids</p> <p><u>AUGUST</u> UNIT – VI: General principles and processes of Isolation of elements UNIT – X: Haloalkanes and Haloarenes</p> <p><u>SEPTEMBER</u> UNIT – VIII: d- and f-block elements UNIT – IX: Coordination Chemistry</p> <p><u>HALF-YEARLY EXAMINATION</u> Ch: 6, 8, 9, 10, 11, 12</p> <p><u>Mode of Assessment</u></p> <p>Written test -70 Practical - 30</p>	<p><u>OCTOBER</u> UNIT – XIII: Organic Compounds containing Nitrogen UNIT – I: Solid state</p> <p><u>NOVEMBER</u> UNIT – XIII: Organic Compounds containing Nitrogen (continued) UNIT - XIV : Biomolecules</p> <p><u>DECEMBER</u> UNIT – XV : Polymers UNIT – XVI: Chemistry in Everyday life</p>	<p>FULL SYLLABUS ACCORDING TO CBSE</p> <p><u>Mode of Assessment</u></p> <p>Written test - 70 Practical - 30</p>

SUBJECT	PERIODIC TEST-1	HALF YEARLY EXAMINATION	PRE-BOARD 1 PRE-BOARD 2	
BIOLOGY	<p><u>APRIL :-</u> CHAPTER 1 : Reproduction in organism CHAPTER 2 : Sexual Reproduction in Flowering plants. CHAPTER 3 : Human Reproduction.</p> <p><u>MAY :-</u> CHAPTER 4 : Reproductive Health.</p> <p><u>JUNE :-</u> CHAPTER 5 : Principles of Inheritance And Variation. CHAPTER 6 : Molecular Basis of Inheritance. PT 1. EXAM. SYLLABUS: CH: 1,2,3,4. Mode of Assessment: Written Test: 40 Marks</p>	<p><u>JULY:</u> CHAPTER 7 : Evolution. CHAPTER 8 : Human Health and Disease. CHAPTER 9 : Strategies for enhancement.</p> <p><u>AUGUST:</u> CHAPTER 10 : Microbes in Human Welfare. CHAPTER 11 : Biotechnology Principles and Processes.</p> <p>HALF YEARLY EXAM. SYLLABUS: CH: 5,6,7,8,9,10,11 Mode of Assessment: Written Test: 70 Marks Practical: 30 Marks</p>	<p><u>SEPTEMBER :</u> CHAPTER 12 : Biotechnology Applications</p> <p><u>OCTOBER :</u> CHAPTER 13 : Organisms and Populations.</p> <p><u>NOVEMBER :</u> CHAPTER 14 : Ecosystem CHAPTER 15 : Biodiversity and Conservation. CHAPTER 16 : Environmental Issues.</p>	<p>FULL SYLLABUS NCERT AS PER BOARD</p> <p>Mode of Assessment: Written Test: 70 Marks Practical: 30 Marks</p>
SUBJECT	PERIODIC TEST -1	HALF YEARLY EXAMINATION	PREBOARD 1 & 2 EXAMINATION	
Physics	<p>April: 1.Electric charges and fields 2.Electrostatic potential and capacitance</p>	<p>July : 8.Electromagnetic waves 9.Ray optics and optical instruments</p>	<p>October: 14. Semi conductors</p> <p>November : Revision</p>	<p>January: Pre-board 2: Full Syllabus</p>

	<p>May: 3.Current electricity 4.Moving charges and magnetism 5.magnetism and matter</p> <p>PT1: Ch 1, 2, 3 and 4</p> <p>June: 6.Electromagnetic induction 7.Alternating current</p> <p><u>Mode of Assessment</u> Written test – 40</p>	<p>August : 10.Wave optics 11. Dual nature of radiation and matter</p> <p>Half Yearly: Ch 1, 2, 3, 4, 5 6, 7, 8, 9 and 10</p> <p>September : 12. Atoms 13. Nuclei</p> <p><u>Mode of Assessment</u> Written test -70 Practical - 30</p>	<p>December: Pre-board 1: Full Syllabus</p> <p><u>Mode of Assessment</u> Written test - 70 Practical - 30</p>	<p>February:</p> <p><u>Mode of Assessment</u> Written test - 70 Practical - 30</p>
SUBJECT	PERIODIC TEST -1	HALF YEARLY	PRE-BOARD 1 EXAMINATION	PRE-BOARD 2 EXAMINATION
	<p><u>APRIL</u></p> <p>Ch-1 Python Revision Tour -I Ch-2 Python Revision Tour-II</p> <p><u>MAY</u></p> <p>Ch-3 Working with Functions</p>	<p><u>JULY</u></p> <p>Ch-13 Table Creation and Data Manipulation Commands</p> <p>Ch-15 Interface Python with MySQL</p> <p><u>AUGUST</u></p> <p>Ch-5 File Handling</p>	<p><u>October</u></p> <p>Ch-8 Data Structures -I Ch-9 Data Structures -II</p> <p>November</p>	<p>January:</p> <p>Pre-board 2: Full Syllabus</p>

<p>Computer Science</p>	<p>Ch-4 Using Python Library</p> <p><u>JUNE</u></p> <p>Ch-11 Relational Database Ch-12 Simple Queries in SQL</p> <p><u>Examination</u> Periodic Test -1 Ch- 1,2,3,4,11,12</p> <p><u>Mode of Assessment</u> Written test – 40</p>	<p><u>SEPTEMBER</u></p> <p>Ch-14 Grouping records, joins in SQL</p> <p><u>Examination</u> Half Yearly Ch-1,2,3,4,5,11,12, 13,14,15</p> <p><u>Mode of Assessment</u> Written test -70 Practical - 30</p>	<p>Ch-10 Communication and Network Concept Ch-6 Recursion Ch-7 Idea of Algorithmic Efficiency</p> <p><u>December</u></p> <p>Revision</p> <p><u>Examination</u> PreBoard1 Full Syllabus</p> <p><u>Mode of Assessment</u> Written test -70 Practical - 30</p>	<p>February:</p> <p><u>Mode of Assessment</u></p> <p>Written test - 70 Practical - 30</p>
<p>SUBJECT</p>	<p>PERIODIC TEST -1</p>	<p>HALF YEARLY</p>	<p>PRE-BOARD - 1</p>	<p>PRE-BOARD -2</p>
	<p>APRIL/MAY/JUNE</p> <p><u>< THEORY > UNIT-1</u></p> <p>A) Planning in sports:-</p> <ul style="list-style-type: none"> ➤ Meaning and objective of planning. ➤ Various committees. ➤ Tournaments. ➤ Intramural and extramural. ➤ Health run, sports day, run for fun 	<p>JULY/AUGUST</p> <p><u>< THEORY ></u></p> <p><u>UNIT – 4</u></p> <p>D) Physical education and sports for CWSN :-</p> <ul style="list-style-type: none"> ➤ Concept of disabilities and disorder. ➤ Types of disabilities, causes. ➤ ADHD, SPD, ASD, ODD, 	<p>SEP./OCT./NOV.</p> <p><u>< THEORY ></u></p> <p><u>UNIT – 7</u></p> <p>G) Physiology and injuries in sports:-</p> <ul style="list-style-type: none"> ➤ Factors determining component of physical fitness. ➤ Effect of exercise on cardio- 	<p><u>JAN.</u></p> <p>Revision from unit-1 to unit-10.</p> <p>Syllabus for pre-board-2 is same as pre-board-1.</p>

**HEALTH
AND
PHYSICAL
EDUCATION**

etc.

UNIT – 2

B) Sports and nutrition:-

- Balance diet and nutrition.
- Nutritive and non-nutritive component of diet.
- A healthy weight, pitfalls of dieting, food intolerance, food myths.

UNIT -3

C) Yoga and lifestyle:-

- Asanas as preventive measures. Procedure, benefits, contraindication for asanas in :-
- Obesity
- Diabetes
- Asthma
- Hypertension
- Back pain.

< PRACTICAL >

- Physical fitness test for all items.

OCD.

- Disability etiquettes.
- Advantage of physical activities for children with special needs.
- Strategies to make physical activities assessable for children with special need.

UNIT – 5

E) Children and women in sports :-

- Motor development and factors.
- Growth and development.
- Common postural deformities.
- Sports participation of women in India.
- Special consideration.
- Female Athletes Triad.

UNIT – 6

F) Test and Measurement in sports :-

- Motor Fitness Test.
- General motor fitness.

respiratory system, muscular system.

- Physiological changes due to ageing.
- Sports injuries:- soft tissue injuries, bone and joint injuries.
- First Aid.

UNIT – 8

H) Biomechanics and sports :-

- Meaning and importance.
- Types of movements.
- Newton's law of motion- it's application in sports.
- Friction and sports.

UNIT – 9

I) Psychology and sports :-

- Personality- definition and types.
- Motivation.
- Reason and benefits of exercise.
- Strategies for enhancing adherence to exercise.
- Aggressions.

	<p>Motor fitness test (any two)</p>	<ul style="list-style-type: none"> ➤ Cardio Vascular Fitness. ➤ Senior citizen fitness test – chair stand test, arm curl test, chair sit and reach test, Backscratchtest, eight foot up and go test, six minute walk test. <p style="text-align: center;">< PRACTICAL ></p> <ul style="list-style-type: none"> ➤ Perform any two asanas for four lifestyle diseases. ➤ Motor fitness test. ➤ Skill test of anyone game. <p>Viva.</p>	<p style="text-align: center;"><u>UNIT-10</u></p> <p>J) Training in sports:-</p> <ul style="list-style-type: none"> ➤ Strength. ➤ Endurance. ➤ Speed. ➤ Flexibility. ➤ Coordinative abilities. ➤ Circuit training. <p style="text-align: center;"><u>DECEMBER</u></p> <p>Theory syllabus for pre-board –1 is from unit-1 to unit-10.</p> <p>Practical syllabus for pre-board-1 will be</p> <ol style="list-style-type: none"> 1) Motor physical fitness test. 2) perform any two asanas. 3) Skill test of any one game. 4) Viva. <p>Practical record file.</p>	
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SUBJECT	PERIODIC TEST -1	HALF YEARLY	PREBOARD (I+II)
Mathematics Book's Name: R.S Aggarwal	<p>MARCH-APRIL Ch-5: Matrices Ch-6: Determinants Ch-7: Adjoint and inverse of matrix. Ch-8: System of Linear Equations Ch-33: L.P.P Ch-10: Differentiation</p> <p>MAY Ch-1:Relation Ch-2: Function Ch-4: Inverse Ch-9: Continuity and differentiability.</p> <p>JUNE Ch-11: Application Of Derivatives. Ch-22: Vectors and their products. Ch-23: Scalar/ Dot Products Ch-24: Vector/ Cross Products. Ch-25: Product of 3 Vectors.</p> <p><u>EXAMINATION</u> Periodic Test -1(40 marks) Ch-1,2,4,5,6,7,8,10,33 <u>Mode of Assessment:</u> Written Test (Marks -40)</p>	<p>JULY Ch-18: Differential Equation and their formation Ch-19: Variable separation Ch-20: Homogeneous differential equation.</p> <p>AUGUST Ch-26:Fundamental concepts Ch-27: Straight Line.</p> <p>SEPTEMBER Ch-21: Linear differential equation. Revision.</p> <p><u>Examination</u> Half Yearly(80 marks) Ch-1 to 15 18,19,20,22,23,24,25,26,27,33.</p>	<p>OCTOBER Ch-16: Definite Integral Ch-17: Area of Bounded region Ch-28: Plane</p> <p>NOVEMBER Ch-29: Probability Ch-30: Bayes Theorem Ch-31: Probability Distribution Ch-32: Binomial Distribution.</p> <p>DECEMBER Revision of Sample papers.</p> <p><u>PREBOARD EXAMINATION: (I+II)</u> Full Syllabus</p> <p><u>Mode of Assessment:</u> Written Test (Marks-80)</p>

<p>PAINTING BOOKS NAME : HISTORY OF INDIAN ART</p>	<p>APRIL 1.Rajasthani School of Miniature Painting:- i)Origin and development ii) Sub-schools- Mewar,Bundi,Jodhpur, Bikaner, kishargah andjaipur iii) Study of following Rajasthani Painting: a)Maru ragini,b) Chaugan Players c) Krishna on swing d) Radha (Bani Thari) e)Bharat meets Rama at chitrakut PRACTICAL : Design, nature, decorative ,still life MAY 3.The Pahari School of Miniature painting i)Origin and development ii) Sub Schools- Basohli, Guler, Kangra, Chamba and Garhwal iii) Main features of the Pahari School. iv) Study of the following Pahari Painting – a) Krishna with Gopis b) Nand, Yashoda and Krishna with Kinsmen going to Vrindavana_ PRACTICAL : Family , Friends and daily life</p>	<p>JUNE 4.The Mughal school Miniature Painting i)Origin and development ii)Main features of the Mughal school iii) Study of the following mughal Painting. a) Krishna Lifting mount Govardhana. b) Falcon on a Bird-Rest. c) Kabir and Raidas. d) Marriage Procession of Dara Shukoh. 5.The Deccan School of Miniature Painting i) Origin and development ii) Krishna Lifting Mount Govardhana._ PRACTICAL: Games and sports activities by pencil & water colour P.T –I Exam JULY Study of the following Deccan Painting. a) Chand Bibi Playing Polo (Chaugan) b) Hajrat Nizamuddin Auliya and Amir Khusro 6.Bengal School of Painting i).Origin and development Study of the following Paintings of Bengal School.</p>	<p>a) Journey’s End b) Shiv and Sati. c) Radhika. d)Meghdoot PRACTICAL: Religious, social and personal activities AUGUST 8. Contribution of Indian Artists in the Struggle for National Freedom Movement 9. Evolution of the Indian National Flag PRACTICAL: Cultural activities SEPTEMBER 10. Modern Trends in Indian Art 11. Paintings of the Contemporary (Modern) Indian Artists. a) Rama Vanquishing the Pride of the Ocean b) Mother and Child c) Haldi Grinders. d) Mother Teresa PRACTICAL: Revision Half Yearly Examination: OCTOBER 12.Graphic Prints of the Contemporary (Modern) Indian Artists a). Children</p>	<p>PRACTICAL: Ideas of personal, social, national paintings NOVEMBER a) Devi b) Man , Woman and Tree c) Of Walls d) Man, Woman and Tree 13. Sculptures of the Contemporary (Modern) Indian Artists a) Triumph of Labour, b) Santhal Family. PRACTICAL: Composition with human figures by colour DECEMBER c).Ganesha, d). Cries Unheard PRACTICAL: Revision Pre Board Exam Mode of Assessment Theory Exam -30 Practical Exam -70 marks</p>
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