



THE JAIN INTERNATIONAL SCHOOL
KANPUR
Syllabus Booklet
2023-24
Class-XII

THE JAIN INTERNATIONAL SCHOOL, KANPUR

THE JAIN WORLD SCHOOL MATI

CLASS XII

BOOKS RECOMMENDED FOR SESSION 2023-24

S.N.	SUBJECT	BOOK NAME	PUBLISHER
1	English	1. Flamingo	NCERT
		2. Vistas	NCERT
		3. English Core	Together with; Rachna sagar Publ.
2	Physics	Physics	NCERT
		2. Physics by S. L. Arora	Dhanpat Rai Prakshan
		3. Lab Manual	Together with; Rachna sagar Pub.
3	Chemistry	1. NCERT- Chemistry	NCERT
		2. ABC Chemistry	Modern Publ.
		3. Lab Manual	Together with; Rachna sagar Publ.
4	Maths	1. Mathematics Text Book	1. NCERT
		2. Mathematics-R S Aggarwal	Bharati Bhawan Publ.
		3. Mathematics Lab Practical	Together with; Rachna sagar Publ.
5	Biology	1. NCERT- Biology	NCERT
		3. Lab Manual	Together with; Rachna sagar Publ.
6	Accountancy	Accountancy by T. S. GREWAL	SULTAN CHAND
7	B. Studies	B. Studies by Poonam Gandhi	V K global Publ.
8	Economics	TR Jain	V K Publication
		TR Jain	V K Publication
		TR Jain	V K Publication
9	Computer Science	Computer Science with Python	S. Chand
10	P. Education	1. Physical Education	Saraswati Publ.
		2. Lab Manual	Saraswati Publ.
11	Hindi	1. Aaroh Vol.-2	NCERT
		2. Vitan vol.- 2	NCERT
		3. Abhivyakti Avam Madhyam	NCERT
12	History	Themes in world history	NCERT
13	Applied Maths	M. L. Agarwal	APC Publ.

*** All the books must be as per the CBSE revised edition of Session 2023-24.**

Class –XII ENGLISH			
MONTH		TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Lit. Lang	Flamingo -F1. The Last Lesson, P1. My Mother at Sixty Six Vistas -V1.The Third Level. 1. Reading- Comprehension Writing 2. Notice 3. Formal Letter- To the Editor,	
MAY	Lit. Lang	Flamingo -F2. Lost Spring, P2. Keeping Quiet Vistas - V2.The Tiger King Writing- Invitation & Reply, Job letter.	<u>Class Test – 1</u> The Last Lesson, My Mother at Sixty Six Notice, Letter to the Editor
JULY	Lit. Lang	Flamingo - F3.Deep Water P3. A Thing of Beauty Vistas -V3. Journey to the End of the Earth. Writing- formal Letter, Invitation & Reply, Article writing.	<u>Unit Test – 1</u> Language - Comprehension, Notice, Card Invitation & Reply Formal Letter to the Editor & Job Letter Literature - The Last Lesson, Lost Spring & My Mother at Sixty Six, Keeping Quiet, The Third Level, The Tiger King
AUG	Lit. Lang	Flamingo -F4.The Rattrap, F5. Indigo P4.A Roadside Stand, P5.Aunt Jennifer's Tiger Vistas -V4 - The Enemy Writing -Informal invitation & Reply. Report writing: newspaper & Magazine.	
SEPT	Lit. Lang	Flamingo-F6. Poets and Pancakes Vistas:V5. On the Face of it. Writing Revision ASL Project Planning	<u>Half Yearly Examination</u> Reading - Comprehension Writing-1.Notice 2.Formal and Informal Invitation & Replies 3.Letter to the Editor, Job Letter 4. Article Writing and Report Writing. Literature - Flamingo- Prose- The Last Lesson, Lost Spring, Deep Water and The Rattrap Poetry- My Mother at Sixty Six, Keeping Quiet, A Thing of Beauty & A Roadside Stand Vistas - The Third Level, The Tiger King, Journey to the End of the Earth, ASL
OCT	Lit. Lang	Flamingo-F7 The Interview, F8.Going places Vistas -V6. Memories of Childhood The Cutting of My Long Hair We Too are Human Beings Writing Revision ASL Project started.	
NOV	Lit. Lang	Revision Writing Revision ASL Project	<u>PRE BOARD-1</u> Complete Syllabus prescribed by CBSE
DEC	Lit. Lang	Revision ASL project submission immediately after winter vacation.	<u>PRE BOARD-2</u> Complete Syllabus prescribed by CBSE
JAN	Lit. Lang	Revision Revision	<u>PRE BOARD-3</u> Complete Syllabus prescribed by CBSE
FEB MAR		Revision	<u>AISSCE Board Examination</u> Full syllabus prescribed by CBSE

**Class –XII
MATHEMATICS**

MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Ch-1 Relation and Functions, Ch-2 Inverse Trigonometric Functions	
MAY	Ch-3 Matrices Ch-4 Determinants	<u>Class Test – 1</u> Ch-1 Relation and Functions
JULY	Ch-5 Continuity and Differentiability Ch- 6 Application of Derivative	<u>Unit Test – 1</u> Ch-2 Inverse Trigonometric Functions Ch-4 Determinants
AUG	Ch-9 Differential equations Ch-7 Integrals	
SEPT	Ch-8 Application of integrals Ch-10 Vector Algebra Ch-12 Linear programming	<u>Half Yearly Examination</u> Ch-1 Relation and Functions, Ch-2 Inverse Trigonometric Functions Ch-3 Matrices Ch-4 Determinants Ch-5 Continuity and Differentiability Ch-6 Application of Derivatives Ch-7 Integrals Ch-9 Differential Equations
OCT	Ch-11 Three Dimensional Geometry	
NOV	Ch-13 Probability	<u>PRE BOARD-1</u> Ch-1 Relation and Functions, Ch-2 Inverse Trigonometric Functions Ch-3 Matrices Ch-4 Determinants Ch-5 Continuity and Differentiability Ch-6 Application of Derivatives Ch-7 Integrals Ch-9 Differential Equations Ch-8 Application of Integrals Ch-10 Vector Algebra Ch-12 Linear programming Ch-11 Three Dimensional Geometry
DEC	Revision	<u>PRE BOARD-2</u> Full Syllabus
JAN	Revision	<u>PRE BOARD-3</u> Full Syllabus
FEB MAR	Revision	<u>AISSCE Board Examination</u> Fully syllabus prescribed by CBSE

**Class –XII
PHYSICS**

MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance Practical-1 To determine resistivity of two / three wires by plotting a graph for potential difference versus current. Practical-2 To find resistance of a given wire / standard resistor using a meter bridge.	
MAY	Chapter–3: Current Electricity. Practical-3 To verify the laws of combination (series) of resistances using a meter bridge.	<u>Class Test – 1</u> Electric Charges and Fields
JULY	Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter Chapter–6: Electromagnetic Induction Practical 4 To determine resistance of a galvanometer by half-deflection method and to find its figure of merit. Practical 5 To find the value of v for different values of u in case of a concave mirror and to find the focal length.	<u>Unit Test – 1</u> Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance Chapter–3: Current Electricity
AUG	Chapter–7: Alternating Current Chapter–8: Electromagnetic Waves Practical 6 To determine angle of minimum deviation for a given prism.	
SEPT	Chapter–9: Ray Optics and Optical Instruments Practical 7 To find the refractive index of a liquid using a concave mirror and a plane mirror. Practical 8 To draw the I-V characteristic curve for a p-n junction Diode in forward and reverse bias.	<u>Half Yearly Examination</u> Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance Chapter–3: Current Electricity Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter Chapter–6: Electromagnetic Induction Chapter–7: Alternating Current Chapter–8: Electromagnetic Waves Chapter–9: Ray Optics and Optical Instruments.
OCT	Chapter–10: Wave Optics Chapter–11: Dual Nature of Radiation and Matter Chapter–12: Atoms Chapter–13: Nuclei	
NOV	Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits	<u>PRE BOARD-1</u> Full Syllabus
DEC	Revision	<u>PRE BOARD-2</u> Full Syllabus
JAN	Revision	<u>PRE BOARD-3</u> Full Syllabus

FEB	Revision	<u>AISSCE Board Examination</u> Full syllabus prescribed by CBSE
MAR		

Class –XII CHEMISTRY		
MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Ch-1 Solution Practical: Salt analysis [Cation: Group 0 & I, Anion: Carbonate, Acetate , Nitrate]	
MAY	Ch-2 Electrochemistry Practical: Salt analysis [Cation: Group II & III, Anion: Nitrate]	<u>Class Test – 1</u> Ch-1 Solution
JULY	Ch-3 Chemical Kinetics Ch-6 Haloalkane and Haloarene Practical: Salt analysis [Cation: Group IV & V, Anion: Chloride, acetate]	<u>Unit Test – 1</u> Ch-1 Solution Ch-2 Electrochemistry
AUG	Ch-7 Alcohol, phenol and ether Ch-4 d and f block elements Practical: Salt analysis: [Cation: Group VI, Anion: Chloride] Volumetric analysis [Titration of Mohr salt]	
SEPT	Ch-5 Coordination compounds	<u>Half Yearly Examination</u> Ch-1 Solution Ch-2 Electrochemistry Ch-3 Chemical Kinetics Ch-4 d and f block elements Ch-6 Haloalkane and Haloarene Ch-7 Alcohol, phenol and ether
OCT	Ch-8 Aldehyde, ketone and Carboxylic acid Ch-9 Organic compounds containing Nitrogen (Amines) Practical: Volumetric analysis [Titration of Oxalic acid] Functional Group test [Alcohol, aldehyde, ketone]	
NOV	Ch-10 Biomolecules Practical: Functional Group test [Carboxylic acid, amine]	<u>PRE BOARD-1</u> Ch-1 Solution Ch-2 Electrochemistry Ch-3 Chemical Kinetics Ch-4 d and f block elements Ch-5 Coordination compounds Ch-6 Haloalkane and Haloarene Ch-7 Alcohol, phenol and ether Ch-8 Aldehyde, ketone and Carboxylic acid Ch-9 Organic compounds containing Nitrogen (Amines)

DEC	Revision Practical: Revision	<u>PRE BOARD-2</u> Full Syllabus
JAN	Revision	<u>PRE BOARD-3</u> Full Syllabus
FEB MAR	Revision and Sample papers	<u>AISSCE Board Examination</u> Fully syllabus prescribed by CBSE

Class –XII BIOLOGY		
MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Ch-1 Reproduction In Flowering Plants Ch-2 Reproduction In Human Being Practical: 1. Prepare a temporary mount to observe pollen germination. 2. Flowers adapted to pollination by different agencies (wind, insects, water). 3. Pollen germination on stigma through a permanent slide.	
MAY	Ch-2 Reproduction In Human Being Ch-3 Reproductive Health Practical: 4. Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides. 5. Meiosis in onion bud cell or grasshopper testis through permanent slides. 6. T.S. of blastula through permanent slides	<u>Class Test – 1</u> Ch-2 Reproduction In Flowering Plants
JULY	Ch-4 Heredity And Variation Ch-5 Molecular Basis of Inheritance Practical: 7. Mendelian inheritance using seeds of different colour/sizes of any plant. 8. Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness	<u>Unit Test – 1</u> Ch-1 to 4
AUG	Ch-6 Evolution Ch-7 Health And Disease Practical: 9. Flash cards models showing examples of homologous and analogous organs 10. Common disease causing organisms like Ascaris, Entamoeba, Plasmodium, any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause.	
SEPT	Ch-8 Microbes In Human Welfare Ch- 9 Principles And Processes Of Biotechnology Practical: 11. Isolate DNA from available plant material such as	<u>Half Yearly Examination</u> Ch- 1 to 8

	spinach, green pea seeds, papaya, etc.	
OCT	Ch-10 Application of Biotechnology In Health And Agriculture Ch-11 Organisms And Environment Practical: 12. Models specimen showing symbolic association in root nodules of leguminous plants, Cuscuta on host, lichens. 13. Study the plant population density by quadrat method. 14. .Study the plant population frequency by quadrat method.	
NOV	Ch- 12 Ecosystems Ch 13 Biodiversity And Its Conservation Practical: 15. Prepare a temporary mount of onion root tip to study mitosis.	<u>PRE BOARD-1</u> Ch-1 to 12
DEC	Revision Practical: Revision	<u>PRE BOARD-2</u> Full Syllabus
JAN	Revision	<u>PRE BOARD-3</u> Full Syllabus
FEB MAR	Revision	<u>AISSCE Examination</u> Fully syllabus prescribed by CBSE

Class –XII ACCOUNTANCY		
MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Ch- Accounting for partnership firms: fundamentals Ch- Goodwill nature and valuation	
MAY	Ch- Change in PSR	<u>Class Test – 1</u> Ch-Accounting for partnership firms: Fundamentals
JULY	Ch- Admission of a partner	<u>Unit Test – 1</u> Ch-Goodwill nature and valuation Ch-Change in PSR
AUG	Ch-Retirement and Death of a partner	
SEPT	Ch- Dissolution of Partnership firm	<u>Half Yearly Examination</u> Ch-Accounting for partnership firms: Fundamentals Ch-Goodwill nature and valuation Ch-Change in PSR Ch-Admission of a partner Ch-Retirement and death of a partner
OCT	Ch-Company Accounts: Issue of Shares Ch- Issue of Debentures Ch- Financial Statement analysis(Comparative & Common Size , Heads and Sub heads)	

NOV	Ch- Accounting ratios Ch- Cash Flow Statement	<u>PRE BOARD-1</u> Ch-Accounting for partnership firms: (Fundamentals) Ch-Goodwill nature and valuation Ch-Change in PSR Ch-Admission of a partner Ch-Retirement and death of a partner Ch-Dissolution of a partnership firm Ch-Company accounts: Issue of shares Ch-Issue of debentures Ch-Financial statements analysis(Comparative & Common Size , Heads and Sub heads)
DEC	Revision	<u>PRE BOARD-2</u> Full syllabus
JAN	Revision	<u>PRE BOARD-3</u> Full syllabus
FEB MAR		<u>AISSCE Board Examination</u> Fully syllabus prescribed by CBSE

Class –XII ECONOMICS		
MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Part A Ch-1- Introduction, Ch 2- Basic Concepts of Macroeconomics, Ch 3-National Income and Related Aggregates, Ch 4- Methods of Calculating National Income	
MAY	Part A Ch 5- Money, Ch-6 Banking Part B Ch 1- Indian Economy on the Eve of Independence, Ch- 2 Five Year Plans in India	<u>Class Test – 1</u> Part A- 1, 2, 3, 4
JULY	Part A Ch 7- Aggregate Demand, Aggregate Supply and Related Concepts, Ch-8 Short Run Equilibrium Output Part B Ch 3- Economic Reforms in 1991	<u>Unit Test – 1</u> Part A- 1, 2, 3, 4, 5, 6 Part B- 1, 2
AUG	Part A Ch 9- Problem of Deficient Demand and Excess Demand Part B Ch 4- Human Capital formation Ch 5- Rural Development	
SEPT	Part A Ch 10- Government Budget and the Indian Economy	Half Yearly Examination Part A- 1,2,3,4,5,6,7,8,9 Part B - 1,2,3,4,5
OCT	Part A Ch 11- Foreign Exchange Rate Part B Ch 6- Employment	
NOV	Part A Ch 12- Balance of Payments Part B Ch 7- Sustainable Economic Development	<u>PRE BOARD-1</u> Part A Ch - 1,2,3,4,5,6,7,8,9,10,11 Part B Ch - 1,2,3,4,5,6

DEC	Part B- Ch 8- Comparative Development Experiences of India and its Neighbours Revision	<u>PRE BOARD-2</u> Full Syllabus
JAN	Revision	<u>PRE BOARD-3</u> Full Syllabus
FEB MAR	Revision	<u>AISSCE Board Examination</u> Full syllabus prescribed by CBSE

Class –XII		
SUBJECT – BUSINESS STUDIES		
MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Ch-1 Nature and significance of management Ch-2 Principles of Management	
MAY	Ch-3 Business environment Ch-4 Planning	<u>Class Test – 1</u> Nature and significance of management
JULY	Ch-5 Organising Ch-6 Staffing	<u>Unit Test – 1</u> Principles of management and business environment
AUG	Ch-7 Directing, Ch-8 Controlling	
SEPT	Ch-9 Financial Management Ch-10 Financial Market	<u>Half Yearly Examination</u> Nature and significance of management, Principles of management, Business environment, Planning, Organising, Staffing, Directing, Controlling
OCT	Ch-11 Marketing Management Ch-12 Consumer Protection Act	
NOV	Revision	<u>PRE BOARD-1</u> Full syllabus
DEC	Revision	<u>PRE BOARD-2</u> Full syllabus
JAN	Revision	<u>PRE BOARD-3</u> Full syllabus
FEB MAR		<u>AISSCE Board Examination</u> Fully syllabus prescribed by CBSE

Class –XII		
SUBJECT – COMPUTER SCIENCE		
MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Theory: Review of Python Basics, Functions, Relational Database and SQL Practical: Python Programs related to functions. SQL queries based given table	
MAY	Theory: Relational Database and SQL, Interface Python with SQL, Using Python Libraries Practical : SQL queries based given table Programs based on SQL python connectivity	<u>Class Test – 1</u> Review of Python Basics, Functions
JULY	Theory: Exception Handling, Data File Handling Practical: Text file, Binary file CSV File programs-reading , writing, appending, updating and deleting records.	<u>Unit Test – 1</u> Review of Python Basics, Functions Relational Database and SQL, Interface Python with SQL
AUG	Theory: Data Structures in Python Practical : Menu driven programs for push and pop.	

SEPT	Computer Networks	<u>Half Yearly Examination</u> Review of Python Basics, Functions Relational Database and SQL, Interface Python with SQL, Using Python Libraries, Exception Handling, Data File Handling , Data Structures in Python
OCT	Project and Report File Completion	
NOV	Revision	<u>PRE BOARD-1</u> Complete Syllabus prescribed by CBSE BOARD
DEC	Revision	<u>PRE BOARD-2</u> Complete Syllabus prescribed by CBSE BOARD
JAN	Revision	<u>PRE BOARD-3</u> Complete Syllabus prescribed by CBSE BOARD
FEB MAR	Revision	<u>AISSCE Board Examination</u> Fully syllabus prescribed by CBSE

Class –XII
SUBJECT – HISTORY

MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Theme 1 ,2	
MAY	Theme 3,4	<u>Class Test – 1</u> Theme 1
JULY	Theme 5,6	<u>Unit Test – 1</u> Theme 2,3,4
AUG	Theme 7,8	
SEPT	Theme 8,10	<u>Half Yearly Examination</u> Theme 1,2,3,4,5,6,7
OCT	Theme 10,11	
NOV	Theme 11,13	<u>PRE BOARD-1</u> Theme 1,2,3,4,5,6,7,8,10,11
DEC	Theme 15	<u>PRE BOARD-2</u> Full Syllabus
JAN	Revision	<u>PRE BOARD-3</u> Full Syllabus
FEB MAR	Revision	<u>AISSCE Board Examination</u> Fully syllabus prescribed by CBSE

Class –XII
SUBJECT – PHYSICAL EDUCATION

MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Ch- 1 Management of Sporting Events Ch- 2 Children and Women in Sports	
MAY	Ch-3 Yoga as Preventive Measure for Lifestyle Disease Ch-4 Physical Education and Sports for CWSN Practical: Cultural Asanas	<u>Class Test – 1</u> Ch- 1 Management of Sporting Event
JULY	Ch-4 Physical Education and Sports for CWSN Ch - 5 Sports and Nutrition	<u>Unit Test – 1</u> Ch- 1 Management of Sporting Event Ch- 2 Children and Women in Sports
AUG	Ch- 6 Test Measurement in Sports	

	Ch-7 Physiology and Injuries in Sports Practical: SAI Khelo India Fitness Test- 50 Mtrs Speed Test , 600 Mtrs Run, Partial curl up, Push ups and Modified Push ups, Sit and Reach Test	
SEPT	Ch-8 Biomechanics and Sports Ch-9 Psychology and Sports	<u>Half Yearly Examination</u> Ch- 1 Management of Sporting Event Ch- 2 Children and Women in Sports Ch-3 Yoga as Preventive Measure for Lifestyle Disease Ch-4 Physical Education and Sports for CWSN Ch - 5 Sports and Nutrition Ch- 6 Test Measurement in Sports
OCT	Ch- 10 Training in Sports Practical : Fundamental Skill, Rules and Regulations, Fields of Games	
NOV	Revision	<u>PRE BOARD-1</u> Fully syllabus
DEC	Revision	<u>PRE BOARD-2</u> Fully syllabus
JAN	Revision	<u>PRE BOARD-3</u> Fully syllabus
FEB MAR		<u>AISSCE Board Examination</u> Fully syllabus prescribed by CBSE

Class –XII SUBJECT – HINDI		
MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APRIL	आत्मपरिचय एक गीत भक्तिन काले मेघा पानी दे, ऊषा, अप्रत्याशित लेख, अपठित गद्यांश काव्यांश	
MAY	पहलवान की ढोलक, पतंग, कविता के बहाने, बाजार दर्शन। विभिन्न माध्यमों के लिए लेखन, लेख।	Class-Test-1 भक्तिन, ऊषा, काले मेघा पानी दे।
JULY	कैमरे में बंद अपाहिज, जूझ, सिल्वर वैडिंग आलेख- कैसे करें कहानी का नाट्य रूपांतरण।	Unit-Test-1 <u>आत्मपरिचय, एक गीत, पहलवान की ढोलक, सिल्वर वैडिंग अपठित गद्यांश / पद्यांश विभिन्न माध्यमों के लिए लेखन।</u>
AUG	कवितावली, लक्ष्मण मूर्च्छा और राम का विलाप, रूबाइयाँ, पत्रकारीय लेखन में विभिन्न रूप और लेखन प्रक्रिया, कैसे बनता है रेडियो नाटक।	
SEPT	पुनरावृत्ति	Half Yearly Examination
OCT	श्रम विभाजन और जाति-प्रथा, मेरी कल्पना का आदर्श समाज, अतीत में दबे पाँव।	भक्तिन, काली मेघा पानी दे, पहलवान की ढोलक, बाजार दर्शन, आत्मपरिचय, एक गीत, पतंग, उषा, कविता के बहाने, बाद

	विशेष-लेखन स्वरूप और प्रकार।	सीधी थी पर, कैमरे में बंद अपाहिज, कवितावली, लक्ष्मण मूर्च्छा और राम का विलाप, रूबाइयाँ, सिल्वर वैडिंग, जूझ। पत्रकारीय लेखन में विभिन्न रूप और लेखन प्रक्रिया, विभिन्न माध्यमों के लिए लेखन, लेख, कैसे करें कहानी का नाट्य रूपांतरण, कैसे बनता है रेडियो नाटक, अपठित गद्यांश/ पद्यांश।
NOV	छोटा मेरा खेत, बगुलों के पंख, बादल राग, शिरीष क फूल।	<u>Pre-board- 1</u>
DEC	पुनरावृत्ति-कार्य	<u>Pre-board- 2</u>
JAN		<u>Pre-board- 3</u>