

School Syllabus

Session 2025-26



Jharkhand Zone - B

Managed by: DAV College Managing Committee, New Delhi-110055

CLASS XII

SYLLABUS FOR CLASS 12

ENGLISH

Session: 2025-26

MONTH	FLAMINGO	VISTAS	WRITING
APRIL	The Last Lesson,	The Third Level	Notice, Formal and
	My Mother at Sixty		Informal invitation
	Six, Keeping Quiet		
MAY	Lost Spring		
JUNE	A Thing of Beauty	The Tiger King	
JULY	Deep water, A	Journey to the End	Letter writing
	Roadside Stand,	of the earth	
	The rattrap		
AUGUST	Indigo	The Enemy	Article, Report
			writing
Half Yearly Exam	Half Yearly Exam	Half Yearly Exam	Half Yearly Exam
SEPTEMBER			
	Aunt Jennifers		
	Tigers		
	Poets and		
	Pancakes		
OCTOBER	Going places	On the Face of It	
	The Interview		
NOVEMBER	Memories of		Activity
	Childhood		

JHARKHAND ZONE B वर्ग 12 हिंदी

सिलंबस 2025-2026

प्रथम सत्र पाठ्यक्रम
अप्रैल और मई
आरोह गद्य भाग- भक्तिन, बाजार दर्शन
पद्य भाग-आत्म परिचय, दिन जल्दी-जल्दी ढलता है
वितान- सिल्वर वेडिंग
अभिव्यक्ति और माध्यम - अप्रत्याशित लेख प्रमुख जनसंचार लेखन
जून और जुलाई
आरोह गद्य भाग-
काले मेघा पानी दे
पद्य भाग- पतंग, कविता के बहाने बात सीधी थी पर,
वितान- जूझ
अभिव्यक्ति और माध्यम -
पत्रकारिता लेखन विशेष लेखन कहानी नाटक
मौखिक अभ्यास,
वाचन,श्रवण अभ्यास
अगस्त और सितंबर-
आरोह -पद्य भाग कमरे में बंद अपाहिज़,उषा
गद्य भाग पहलवान की ढोलक
सिल्वर वेडिंग और जूझ पुनरावृति
अभिव्यक्ति और मध्यम समाचार फीचर आलेख लेखन
O · //
सितंबर और अक्टूबर
आरोह पद्य भाग- बादल राग, कवितावली, लक्ष्मण मूर्च्छा, छोटा मेरा खेत,बगुलों के पंख ,रुबाइयां
आरोह गद्य भाग -शिरीष के फूल,
श्रम विभाजन,मेरी कल्पना का आदर्श समाज
अभिव्यक्ति और माध्यम -पाठ संख्या ३, ४, ५, ११ ,१२, १३ की पुनरावृत्ति
वितान- अतीत में दबे पांव
नवंबर और दिसंबर
प्रैक्टिस टेस्ट और पुनरावृति

SYLLABUSFORCLASS12SCIENCE MATHEMATICS (041)

Session:2025-26

MONTH	CHAPTERS/UNITS	ACTIVITY
APRIL	1.RELATIONS AND	ACTIVITY1
111111111111111111111111111111111111111	FUNCTIONS 2.	To verify that the relation R in the set L of a lines in a plane,
	INVERSE	defined by $R = \{(l, m) : l \perp m\}$ is symmetric but neither
	TRIGONOMETRIC	reflexive nor transitive.
	FUNCTION	ACTIVITY2
	3.MATRICES	To verify that the relation R in the set L of all lines in a plane,
	J.MITRIGLS	defined by $R = \{(1, m) : 1 m\}$ is an equivalence relation.
MAY		ACTIVITY3
141711	4.DETERMINANTS	To demonstrate a function which is not one-one but is onto
		ACTIVITY 4
		To demonstrate a function which is one-one but not onto.
JUNE	5. CONTINUITY AND	ACTIVITY5
JONE	DIFFERENTIABILITY	To explore the principal value of the function sin-1xusinga
	DIFFERENTIABLETT	unit circle.
JULY	C ADDITIONOE	ACTIVITY6
JOLI	6. APPLICATIONOF DERIVATIVES	
		To draw the graph of 1 $\sin x - 1$, using the graph of $\sin x$ and
	7. INDEFINITE	demonstrate the concept of mirror reflection (about the line y
	INTEGRALS	= x).
AUGUST	7. DEFINITE	ACTIVITY7
AUGUST		
	INTEGRALS	To sketch the graphs of a x and log a x, a>0, a≠1and to
	8.APPLICATIONOF	Examine that the y is mirror images of each other's
CEDTEMBED	INTEGRALS	P' The control of
SEPTEMBER	REVISION FOR FIRST	First Term Exam
	TERMEXAMINATION	
OCTOBER	9. DIFFERENTIAL	ACTIVITY8
OCTOBER	EQUATIONS	To establish a relationship between common logarithm (to
	10. VECTORALGEBRA	the base 10) and natural logarithm (to the base e) of the
	11. THREE	number x
	DIMENSIONAL	number x
	GEOMETRY	ACTIVITY9
	QLOME HAI	To find analytically the limit of a function f(x)at x=c and also
		to check the continuity of the function at that point.
NOVEMBER	12. LINEAR	ACTIVITY10
NOVEMBER		To verify that for a function f to be continuous at given point
	PROGRAMMING PROBLEMS	$x0$, $\Delta = +\Delta y$ fx x fx (0) – (0) is arbitrarily small provided.
	13. PROBLEMS	Δx is sufficiently small
	15. FRUDADILITI	AA 13 SUITICICITY SITIALI
DECEMBER	PRACTICETESTAND	
DECEMBER	MOCK TEST	
JANUARY	PRE-BOARD	
JANUAKI	EXAMINATION	
EEDDIIADA		
FEBRUARY	REVISIONFORBOARD	
	EXAM	
	MCQANDCASEBASED	
l	PROBLEMS	

SYLLABUS FOR CLASS 12 COMMERCE APPLIED MATHEMATICS (0241)

Session:2025-26

MONTH	CHAPTER/UNIT	ACTIVITY
APRIL	MATRICES, DETERMINANTS NUMERICAL INEQUALITIES	ACTIVITY 1 MIND MAP FOR MATRICES AND TYPES OF MATRICES
MAY	NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS	
JUNE	DIFFERENTIATION	ACTIVITY 2 GRAPHICAL REPRESENTATION OF LINEAR INEQUALITY ACTIVITY 3 MIND MAP FOR NUMBER THEORY
JULY	APPLICATION OF DERIVATIVES	ACTIVITY 4 GEOMETRICAL MEANNING OF DERIVATIVE ACTIVITY 5 MAXIMA AND MINIMA RELATED PROBLEM (CASE BASED)
AUGUST	INTEGRALS (IN-DEFINITE AND DEFINITE) APPLICATION OF INTEGRALS	ACTIVITY 6 GEOMETRICAL CONCEPT OF INTEGRALS (DEFINITE) ACTIVITY 7 GROWTH AND DECAYMODEL PROBLEM (APPLICATION OF DIFFERENTIAL EQUATION)
SEPTEMBER	REVISION AND FIRST TERM EXAMINATION (
OCTOBER	DIFFERENTIAL EQUATIONS PROBABILITY LINEAR PROGRAMMINGP ROBLEMS(LPP)	ACTIVITY 8 LAW OF TOTAL PROBABILTY AND BAYES' THEOREM ACTIVITY9 LPP APPLICATION(CASEBASED)
NOVEMBER	INFERENTIAL STATISTICS TIME-BASEDDATA, PERPETUITY, SINKING FUNDS AND EMI, RETURNS, GROWTHAND DEPRECIATION	ACTIVITY10 FINANCIAL MATHEMATICS IN REAL LIFE (USE, CALCULATION, BENEFITS)
DECEMBER	PRACTICETEST, MOCKTEST	
JANUARY	PRE-BOARD EXAMINATION	
FEBRUARY	CASE BASED PROBLEMS, MCQ AND REVISION	

CLASS - XII [SESSION 2025-2026] SCHEDULE OF SYLLABUS SUBJECT - PHYSICS

MONTHS		CHAPTER/UNIT	SPECIFIC EXAM/TEST
	UNIT	CHAPTER	
Apr-25	ELECTOSTSTICS	ELECTRIC CHARGES AND FIELDS	
May-25	ELECTOSISTICS	ELECTOSTSTIC POTENTIAL AND CAPACITANCE	
Jun-25	CURRENT ELECTRICITY	CURRENT ELECTRICITY	
Jul-25			UNIT TEST
Jul-25	MAGNETIC EFFECT OF CURRENTAND MAGNENTISM	MOVING CHARGES AND MAGNETISM MAGNETISM AND MATTERS	MCQ TEST
Aug-25	ELECTRO MAGENTIC INDUCTION AND	ELECTROMAGNETIC INDUCTION	MCQ TEST
	ALTERNATING CURRENT	ALTERNATING CURRENT	
Aug-25	ELECTOMAGNETIC WAVES	ELECTOMAGNETIC WAVES	
SEPTEMBER-25 TERM-1			
Sep-25	RAY OPTICS	RAY OPTICS AND OPTICAL INSTRUEMENTS	MON TEST
	DUAL NATURE OF MATTER	DUAL NATURE OF RADIATION AND MATTERS	
Oct-25	WAVE OPTICS	WAVE OPTICS	MCQ TEST
Oct-25	ATOMS AND NUCLEI	ATOMS & NUCLEI	MCQ TEST
Nov-25	ELECTONIC DEVICES	SEMICONDUCTOR ELECTRONICS	MCQ TEST

MOCK TEST-I DECEMBER-2025
MOCK TEST-II DECEMBER-2025
PRE-PRACITICAL EXAM DECEMBER-2025
PRE-BOARD EXAM JANUARY-2026

CLASS - XII [SESSION 2025-2026] SCHEDULE OF SYLLABUS SUBJECT - CHEMISTRY

MONTHS	CHAPTER	SPECIFIC EXAM/TEST
APRIL	SOLUTION	
APRIL	ELECTROCHEMISTRY	
MAY	CHEMICAL KINETICS	
JUNE, JULY	The d-and f-block elements	
JULY	CO-ORDINATION COMPOUND	
AUGUST	HALO ALKANES AND HALOARENES	
SEPTEMBER after 1 st term	ALCOHOL, PHENOLS AND ETHER	
SEPTEMBER	ALDEHYDE, KETONE AND CARBOXYLIC ACID	
OCTOBER	AMINES	
NOVEMBER	BIOMOLECULES	
Feb-25	REVISION & MOCK TEST	

CLASS -XII [SESSION - 2025-26]

SCHEDULE OF SYLLABUS

SUBJECT: BIOLOGY (044)

MONTHS	CHAPTER / UNIT Unit- VI- Reproduction		SPECIFIC EXAMS/TEST	
APRIL, 2025	Chapter-2. Sexual reproduction in flowering plants	Chapter-3. Human repr	roduction Chapter-4. Reproductive health	
MAY,2025		Unit- VII- Genetics and	Evolution	
	Chapter-5. Principles of inheritance and variations			
JUNE,2025	Chapter-6. Molecular basis of inheritance			
JULY,2025		Chapter-7.Evolution		
AUGUST,2025	Unit- VIII – Biology and human welfare			
	Chapter-8. Human health and disease			
SEPTEMBER,2025		HALF YEARLY EXA	AM	
	Unit- VIII – Biology and human welfar	е	Chapter-10. Microbes in human	welfare
OCTOBER,2025	Un	it- IX- Biotechnology and	d applications	
	Chapter-11. Biotechnology- Princip	ples and processes ; Cl	hapter-12. Biotechnology and its application	ons
		Unit- X. Ecology and en	vironment	
	Chapter-13. Organisms and population			
NOVEMBER,2025		Unit- X. Ecology and en	vironment	
	Chapter-15. Biodiversity and its conservation			
	MOCK T	EST – I	DECEMBER,2025	
	MOCK T	EST –II	DECEMBER,2025	
	PRA	ACTICAL REVISION	DECEMBER,2025	
	PRE-BO	ARD EXAMINATION	JANUARY,2026	

MONTH WISE SYLLABUS DISTRIBUTION 2025-26

CLASS-XII SUB: COMPUTER SCIENCE WITH PYTHON (083)

	CLASS-XII SUB: COMPUTER SCIENCE WITH PYTHON (083)
MONTH	PORTION
APRIL	 Revision of Python Revision of Python topics covered in Class XI. User Defined functions in Python Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function
MAY	 User Defined functions in Python Contd. Arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)
JUNE	 File handling in Python Introduction to files, types of files (Text, Binary, CSV), relative and absolute paths Text file: opening, text file modes (r, r+, w, w+, a, a+), closing a text file, opening file using with clause, writing/appending data using write() and writelines(), reading from a text file using read(), readline() and readlines(), Seek and tell methods, manipulation of data in a text file
JULY	 File handling in Python Contd. Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab,ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file CSVfile: import csv module, open/close csv file, write into a csv file using csv.writer() and read from a csv file using csv.reader()
AUGUST	 Data Structure in Python Data Structure: Stack, operations on stack (push & pop), implementation of stack using list. Database Management Database concepts: introduction to database concepts and its need Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate, primary, alternate, foreign, composite) SQL: Introduction, DDL and DML, data type (char(n), varchar(n), int, float, date), constraints(not null, unique, primary key), create database, use database, show database, drop database, show tables, create table, describe table, alter table (add & remove an attribute, add & remove primary key), drop table, insert, delete, select, operators (mathematical, relationalandlogical),aliasing,distinct,whereclause,in,between,order by, meaning of null, isnull, is not null, like.
SEPTEMBER	 Database Management Contd. Update command, deletecommand, aggregate functions(max, min, avg, sum, count), groupby, having clause, joins: Cartesian product on two tables, equi-

	Join and natural join
OCTOBER	 Computer Networks Evolution of networking: computer networks, evolution of networking (ARPANET, NSFNET, INTERNET) Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuits witching, Packet switching) Transmission media: Wired media (Twisted pair, Co-axial, Fiber-optic), Wireless media (Radio waves, Micro waves, Infrared waves) Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card) Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree) Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, webservers, webhosting
NOVEMBER	 Python MySQL Connectivity Interface of python with an SQL database: connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using fetchone(), fetchall(), rowcount, creating database connectivity applications

Syllabus- class XII (commerce) Accountancy 2025-26

Month wise divided syllabus

Month	NAME OF CHAPTERS
April	
-	CHAPTER-1
	Accounting for partnership firm (fundamentals)
	CHAPTER-2
	Valuation of goodwill
	CHAPTER-3
	Change in profit sharing ratio among existing partners
May	CHAPTER-4
	Admission of a partner
June	CHAPTER-5
	Retirement of a partner
	Death of a partner
July	Death of a partner (contd)
•	CHAPTER-6
	Dissolution of partnership firm
August	CHAPTER-6
	I) Accounting for share capital
Sep	II) Accounting for debenture

September 2nd week, Term-1

Month	NAME OF CHAPTERS	
Oct	PART-B	
	I) Financial statement analysis	
	II) Comparative and common size	
Nov	III) Ratio analysis	
	IV) Cash flow statement	
	Project work	
Dec	Revision and Practice Test	
Jan	Pre – Board	
February	Final examination	

MARKING SCHEME

PART A: ACCOUTING FOR PARTNERSHIP AND COMPANIES	TERM 1	Pre
		board
Accounting for partnership	62	36
Accounting for companies (in term 1 upto accounting for share capital)	18	24

PART B ANALYSIS OF FINANCIAL STATEMENTS	-	
Analysis of financial statements	-	12
Cash flow statement	-	08
TOTAL	80	80

12th BUSINESS STUDIES

MONTHWISE SYLLABUS (2025-26)

MONTHS	CHAPTER	TOPICS	MARKS
APRIL	1.NATURE AND SIGNIFICANCE OF MANAGEMENT	Meaning and concept of management Effectiveness v/s Efficiency Function of management Nature of management Level of management Coordination etc	16M
MAY	2.PRINCIPLES OF MANAGEMENT 3.BUSINESS ENVIRONMENT	Henary fayol principles F.W.taylor principles of mgmt. and Techniques of scientific management etc Features and advantages of business environment Dimension of business	
JUNE	4.PLANNING	environment Etc Meaning nature and concepts	
		of planning Merits and limitation of planning process of planning types of plan etc	14M
	5.ORGANISING	Organizing process Functional and divisional structure etc	
JULY	6.STAFFING	Staffing process Selection process types of recruitment training and development etc	
AUGUST	7.DIRECTING	Meaning of supervision Abrahm maslow theory financial and non financial incentives Types of leadership etc Meaning and process of communication etc.	20M
	8.CONTROLLING	Contolling process Limitation of controlling etc.	
SEPTEMBER	REVISION AND S.A-I	Based on previous year Question paper	

MONTHS	CHAPTER	TOPICS	MARKS
OCTOBER	9.FINANCIAL MANAGEMENT	Financial Decision Objectives of financial management etc Capital structure Meaning,concept and factors affecting the choice of capital structure And also the same thing of Fixed and working Trading equity(v.v.i) based on calculation of EPS	15M
	10.FINANCIAL MARKET	Instruments of financial market(i.e; money market and capital market) Function of SEBI etc. Methods of flotation	
NOVEMBER	12.CONSUMER PROTECTION ACT	Meaning nature and concepts of marketing Functions of marketing Elements of marketing mix:- PRODUCT MIX: types of product PRICE MIX: factors affecting the price fixation PROMOTION: Techniques Personal relation Marketing philosophy/concept Rights and duties of consumers ways and means of consumer protection Redressal agencies(Cosumer forum) etc District forum State commission and national commission	15M
DECEMBER	PROJECT WORK REVESION AND PRACTICE TEST		
JANUARY	PREBOARD EXAMINATION		
FEBRUARY	FINAL EXAMINATION		

ECONOMICS (Subject Code 030) CLASS - XII (2025-26)

Theory: 80 Marks & Project: 20 Marks

	Part A: Introductory Ma	acroeconomics (40)	
Units	Chapter	Half Yearly Exam	AISSCE-2026
1	National Income and Related Aggregates	15	10
2	Money and Banking	09	06
3	Determination of Income and Employment	16	12
4	Government Budget and the Economy	-	06
5	Balance of Payments	-	06
	Part B: Indian Economic	Development (40)	
6	Development Experience (1947-90) and Economic Reforms since 1991:	29 (17+12)	12
7	Current challenges facing Indian Economy *Human Capital Formation,*Rural development, Employment and Sustainable Economic Development:	*11	20
8	Development Experience of India: A comparison with neighbours	-	08
9	PROJECTS	20	20
TOTAL	1	100	100

CLASS:-XII SUBJECT:- ECONOMICS (030) Session - 2025 - 26 Marking Scheme and Blueprint

HALF YEARLY EXAMINATION – 2025-26

S.N.	UNIT / CHAPTER	VSA (01)	SA (03)	SA (04)	LA (06)	TOTAL
	Intr	oductory Macr	oeconomics (S	Section – A)		
1	National Income and Related Aggregates.	02	01	01	01	15 (05)
2	Money and Banking	02	01	01	-	09 (04)
3	Determination of Income and Employment	06	-	01	01	16 (08)
	Indi	ian Economic o	development (Section – B)	<u> </u>	
4	Development Experience (1947 - 90)- (a) Indian Economy on the eve of independence (b) Plans, Agriculture, Industry and Trade	04	01	01	01	17(07)
5	Economic Reforms since 1991	03	01	-	01	12 (05)
6	*Human Capital Formation *Rural Development	03	-	02	-	11 (05)
	(Section A+ Section B)	VSA (01) 20	SA (03) 04	SA (04) 06	LA (06) 04	40+40=80(34)

Suggested Question Paper Design

(Subject Code 030) Class XII (2025-26) March 2026 Examination

Marks: 80 Duration: 3 hrs.

Typology of Questions Marks(Percentage)

1 Remembering and Understanding: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas **32 (40%)**

2 Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way. **24** (**30%**)

3 Analysing, Evaluating and Creating: Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations. Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions. **24 (30%)**

CBQ (COMPETENCY BASED QUESTIONS) – 25%

- i. MCQ
- ii. Fill up the blanks
- iii. True or False
- iv. Match the Columns
- v. Assertion and Reason
- vi. Statement Based Questions
- vii. Case Study Based Questions

JHARKHAND ZONE B CLASS-XII SESSION 2025-26 FMM (805) SYLLABUS

MONTH	CHAPTER/CONTENTS	HALF YEARLY EXAM (WEIGHTAGE)	ANNUAL EXAM (WEIGHTAGE)
APRIL,2025	AN OVERVIEW OF THE INDIAN SECURITIES MARKET	08	04
MAY,2025	TRADING MEMBERSHIP	10	06
	ES – COMMUNICATION SKILLS	04	02
JUNE,2025	TRADING	18	10
	ES – SELF MANAGEMENT	02	02
JULY,2025	CLEARING AND SETTLEMENT	08	06
AUGUST,2025	LEGAL FRAMEWORK	06	04
	ES – ENTERPREWNUERIAL SKILLS	04	02
SEPTEMBER,2025	HALF YEARLY EXAMINATION	DN	
OCTOBER,2025	FINANCIAL ANALYSIS		06
	ES – GREEN SKILLS		02
NOVEMBER,2025	INTRODUCTORYTO DERIVATIVES		06
	FUTURE AND OPTIONS		08
	ES – ICT SKILLS		02
DECEMBER,2025	REVISION		
JANUARY,2026	PRE BOA	RD EXAMINATION	1

JHARKHAND ZONE B CLASS -XII

SCHEDULE OF SYLLABUS [SESSION - 2025-26]

SUBJECT: PHYSICAL EDUCATION (048)	
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MONTHS	CHAPTER/UNIT	TOPICS				
APRIL,2025	1. Management of sports events	Types of committees & their responsibilities Types of tournament & Fixtures				
MAY,2025	2. Children and women in sports	Common postural deformities Less participation of women in sports Female athletes triad				
JUNE,2025	3. Yoga as preventive measures for lifestyle diseases	Indic attrices triad Chma, Diabetes, Hypertension, Arthritis, Obesity Ipful asanas & their procedures with contraindications				
JUNE,2025	4. Physical education and sports for C. W. S. N.	Paralympic, Special Olympics, Deaflympics Types of disability and disorder				
JULY, 2025	5. Sports and nutrition	Balanced diet Diet chart for Men, women, Athlete, children Types of nutrients & minerals.				
JULY,2025	6. Test and measurement in sports	S. A. I. Khelo India fitness test Types of physical fitness test				
AUGUST,2025	7. Physiology and injuries in sports	Importance of Physiology in sports Types of injuries and First aid				
SEPTEMBER,2025	8. Biomechanics in sports	Use of Newton laws of motion in sports Types of movements				
OCTOBER,2025	9. Psychology and sports	Importance of psychology in sports				
NOVEMBER, 2025	10. Training in sports	Training methods, Warm up and conditioning Training cycles				
REVISION & PRACTICALS DECEMBER,2025						
MOCK TEST -II DECEMBER,2025						
	I	PRE-PRACTICAL/PROJECT EXAM DECEMBER,2025				
PRE-BOARDEXAMINATION JANUARY,2026						

