



School Syllabus

Session 2025-26



DAV PUBLIC SCHOOLS

Jharkhand Zone - B

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

**CLASS
XI**

JHARKHAND ZONE B
SYLLABUS FOR CLASS 11
ENGLISH

Session: 2025-26

MONTH	HORNBILL	SNAPSHOTS
JUNE	The Portrait of a Lady A Photograph	Debate, Speech, Note Making
JULY	We are not afraid to die Laburnum Top	Summer of the Beautiful white Horse
AUGUST	Discovering tut, Voice of the Rain	The Address, advertisement
Half Yearly Exam	Half Yearly Exam	Half Yearly Exam
SEPTEMBER	The Adventure	Mother's Day
OCTOBER	Silk Road, Childhood	Birth, Poster
NOVEMBER	Father to Son	Tale of Melon City
DECEMBER	Tense, Narration, Passive Voice	Comprehension

JHARKHAND ZONE B

वर्ग 11 हिंदी

सिलेबस 2025-2026

प्रथम सत्र पाठ्यक्रम
जून और जुलाई
आरोह गद्य भाग-
नमक का दारोगा ,मियां नसीरुद्दीन अपू के साथ ढाई साल
पद्य भाग- संतो देखो जग बौराना, मेरे तो गिरधर गोपाल ,
वितान- गायिकाओं में बेजोड़ लता मंगेशकर
अभिव्यक्ति और माध्यम -
पाठ संख्या 1, 2,9
मौखिक अभ्यास,
वाचन,श्रवण अभ्यास
अगस्त और सितंबर-
आरोह -पद्य भाग -घर की याद, चंपा काले काले अक्षर नहीं चीन्हती
गद्य भाग-
विदाई संभाषण
अभिव्यक्ति और माध्यम
जनसंचार ,अप्रत्याशित लेख,पत्र,डायरी,कथा,स्ववृत्त
अक्टूबर नवंबर
आरोह पद्य भाग- गज़ल,हे भूख मत मचल,हे मेरे जूही के फूल जैसे ईश्वर
आरोह गद्य भाग -गलता लोहा, रजनी
अभिव्यक्ति और माध्यम -पाठ संख्या 1,2,9,10,14,15,16 की पुनरावृत्ति
वितान- राजस्थान की रजत बूंदें
दिसंबर जनवरी
आरोह गद्य भाग -जामुन का पेड़,भारत माता
पद्य -सबसे खतरनाक,आओ मिलकर बचाएं
वितान -आलो आंधारि

JHARKHAND ZONE B
SYLLABUS FOR CLASS 11 SCIENCE
MATHEMATICS (041)
Session: 2025-26

CLASS 11 MATHEMATICS

MONTH	CHAPTER/UNIT	ACTIVITY
JUNE	SETS, RELATIONS	
JULY	FUNCTIONS TRIGONOMETRIC FUNCTIONS	ACTIVITY 1 VENN DIAGRAM FOR THREE SETS ACTIVITY 2 GRAPH OF DIFFERENT FUNCTIONS
AUGUST	COMPLEX NUMBER AND QUADRATIC EQUATIONS SEQUENCE AND SERIES	ACTIVITY 3 MIND MAP ON COMPLEX NUMBER ACTIVITY 4 PASCAL'S TRIANGLE ACTIVITY 5 SUM OF FIRST n NATURAL NUMBERS
SEPTEMBER	REVISION AND FIRST TERM EXAMINATION (SYLLABUS COMPLETED TILL AUGUST)	
OCTOBER	PERMUTATIONS AND COMBINATIONS, BINOMIAL THEOREM, STRAIGHT LINE CONIC SECTIONS PARABOLA, ELLIPSE	ACTIVITY 6 DIFFERENT EQUATIONS OF STRAIGHT LINES (USE MIND MAP) ACTIVITY 7 GEOMETRICAL MEANING OF CONIC SECTIONS
NOVEMBER	CONIC SECTION ELLIPSE, HYPERBOLA INTRODUCTION OF THREE DIMENSIONAL GEOMETRY	ACTIVITY 8 GRAPHICAL REPRESENTATION OF OCTANTS IN THREE- DIMENSIONAL GEOMETRY
DECEMBER	LIMITS AND DERIVATIVES	ACTIVITY 9 GEOMETRICAL CONCEPTS OF DERIVATIVES
JANUARY	STATISTICS, PROBABILITY	ACTIVITY 10 SAMPLE SPACE FOR DIFFERENT EXPERIMENT IN PROBABILITY
FEBRUARY	ANNUAL EXAMINATION	

JHARKHAND ZONE B
SYLLABUS FOR CLASS11 COMMERCE
APPLIED MATHEMATICS (0241)
Session:2025-26

MONTH	CHAPTER/UNIT	ACTIVITY
JUNE	NUMBERS, INDICES AND LOGARITHMS QUANTITATIVE APTITUDE, MENSURATION	
JULY	SETS AND RELATIONS, SEQUENCE AND SERIES	ACTIVITY1 VENN DIAGRAM FOR THREE SETS ACTIVITY 2 SUM OF FIRST n NATURAL NUMBERS
AUGUST	FUNCTIONS LOGICAL REASONING	ACTIVITY 3 PASCAL TRIANGLE ACTIVITY 4 BLOOD RELATION
SEPTEMBER	REVISION AND FIRST TERM EXAMINATION (SYLLABUS COMPLETED TILL AUGUST)	
OCTOBER	FUNCTIONS PERMUTATIONS AND COMBINATIONS LIMITSAND CONTINUITY DIFFERENTIATION	ACTIVITY 5 MIND MAP FOR TYPES OF FUNCTIONS ACTIVITY 6 GRAPH OF DIFFERENT FUNCTIONS
NOVEMBER	PROBABILITY, DESCRIPTIVE STATISTICS	ACTIVITY 7 GEOMETRICAL MEANNING OF DERIVATIVES ACTIVITY 8 SAMPLE SPACE FOR DIFFERENT EXPERIMENT IN PROBABILITY
DECEMBER	COMPOUND INTEREST AND ANNUITY TAXATION, UTILITY BILLS	ACTIVITY 9 TO CALCULATE AN ELECTRICITY BILL
JANUARY	STRAIGHT LINE, CIRCLE AND PARABOLA	ACTIVITY 10 FAMILY OF LINES/GEOMETRIC CONCEPT OF CIRCLE OR PARABOLA
FEBRUARY	REVISION AND ANNUAL EXAMINATION	

JHARKHAND ZONE B
CLASS - XI [SESSION 2025-2026]
SCHEDULE OF SYLLABUS SUBJECT
- PHYSICS

MONTHS	CHAPTER/UNIT		SPECIFIC EXAM/TEST
	UNIT	CHAPTER	
Jun-25	MATHEMATICAL TOOLS AND UNIT	UNIT AND MEASUREMENT	
Jul-25	UNIT AND MEASUREMENT	DIMENSIONAL ANALYSIS	CLASS TEST
	KINEMATICS	MOTION IN STRAIGHT LINE	
	KINEMATICS	MOTION IN A PLANE	
Aug-25	LAWS OF MOTION	LAWS OF MOTION	MCQ TEST
		FRICTION	
Aug-25	WORK, ENERGY & POWER	WORK, ENERGY & POWER	UNIT TEST
SEPTEMBER-2024 TERM-1			
Sep-25	GRAVITATION	GRAVITATION	MON TEST- MCQ TEST
Oct-25	MOTION OF SYSTEM OF PARTICLES AND RIGID BODY	SYSTEM OF PARTICLES AND ROTATIONAL MOTION	MCQ TEST-MON TEST
NOV-25	PROPERTIES OF MATTER	MECHANICAL PROPERTIES OF SOLIDS	
Dec-25	PROPERTIES OF MATTER	MECHANICAL PROPERTIES OF FLUIDS	MCQ TEST-MON TEST
		THERMAL PROPERTIES OF MATTER	
	THERMODYNAMICS	THERMODYNAMICS	
Jan-26	KINETIC THEORY OF GASES	KINETIC THEORY OF GASES	MCQ TEST-MON TEST
	OSCILLATION AND WAVES	OSCILLATION	
		WAVES	
FEB -26		REVISION & MOCKTEST	

ANNUAL EXAM:FEB-26

JHARKHAND ZONE B
CLASS - XI [SESSION 2025-2026]
SCHEDULE OF SYLLABUS
SUBJECT - CHEMISTRY

MONTHS	CHAPTER	SPECIFIC EXAM/TEST
JUNE	SOME BASIC CONCEPT OF CHEMISTRY	
JULY	ATOMIC STRUCTURE	
AUGUST	CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES	
AUGUST	CHEMICAL BONDING	
SEPTEMBER aftern1st term	THERMODYNAMICS	
SEPTEMBER	EQUILIBRIUM	
OCTOBER	REDOX REACTION	
OCTOBER	SOME BASIC CONCEPT IN ORGANIC CHEMISTRY	
NOVEMBER		
DECEMBER	HYDROCARBON	
JAUNURY	REVISION & MOCK TEST	
ANNUAL EXAM: FEB-25		

JHARKHAND ZONE B				
CLASS –XI [SESSION – 2025-26]				
SCHEDULE OF SYLLABUS				
SUBJECT: BIOLOGY (044)				
MONTHS	CHAPTER / UNIT			SPECIFIC EXAMS/TEST
APRIL, 2025				
MAY,2025		Unit- I- Diversity of living organisms		
	Chapter-1. The living world	Chapter 2.Biological classification		
JUNE,2025	Chapter 3.Plant kingdom	Chapter 4. Animal kingdom		
	Unit- II - Structural organization in plants and animals			
JULY,2025	Chapter 5.Morphology of flowering plants	Chapter 6. Anatomy of flowering plants	Chapter 7.Structural organization in animals- Only all systems of Frog	
AUGUST,2025	UNIT-III.Cell the unit of life			
		Chapter -8 .Cell structure and functions		
SEPTEMBER,2025		HALF YEARLY EXAM		
OCTOBER,2025	UNIT -III -CONT. Chapter 9. Biomolecules			
	Chapter 10. Cell cycle and cell division	Unit- IV-Plant physiology		
	Chapter 13. Photosynthesis in higher plants	Chapter 14. Respiration in plants	Chapter 15. Growth and development in plants	
NOVEMBER,2025		Unit- V- Human physiology		
	Chapter -17. Breathing and exchange of gases	Chapter -18. Body fluids and circulation		
DECEMBER,2025		Unit- V- Human physiology		
	Chapter- 19.Excretary products and their elimination	Chapter-20. Locomotion and movement	Chapter-21. Neural control and co-ordination	
JANUARY,2026		Unit- V- Human physiology		
	Chapter-22.Chemical co-ordination and integration			
MOCK TEST JANUARY, 2026				

JHARKHAND ZONE B

MONTH WISE SYLLABUS DISTRIBUTION 2025-26

CLASS–XI

SUB: COMPUTER SCIENCE WITH PYTHON (083)

MONTH	PORTION
JUNE	Computer Systems and Organisation <ul style="list-style-type: none"> Basic Computer Organisation: Introduction to computer system, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (Bit,Byte, KB, MB,GB, TB, PB) Types of S/W: system S/W (operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler & interpreter), application S/W Operating system(OS):functions of operating system, OS user interface
JULY	Computer Systems and Organisation continued <ul style="list-style-type: none"> Booleanlogic:NOT,AND,OR,NAND,NOR,XOR,truth table,DeMorgan's laws and logic circuits Number system: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems. Encoding schemes: ASCII, ISCII and UNICODE(UTF8,UTF32) Computational Thinking and Programming <ul style="list-style-type: none"> Introduction to problem solving: Steps for problem solving (analyzing the problem, developing an algorithm, coding, testing and debugging). representation of algorithms using flow chart and pseudo code, decomposition Familiarization with the basics of Python programming: Introduction to Python, features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens (keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments Knowledge of data types: number (integer, floating point, complex), boolean, sequence (string, list, tuple), none, mapping (dictionary), mutable and immutable data types
AUGUST	Computational Thinking and Programming <ul style="list-style-type: none"> Operators: arithmetic operators, relational operators, logical operators, assignment operator, augmented assignment operators, identity operators (is, isnot), membership operators (in, not in) Expressions, statement, type conversion & input/output: precedence of operators, expression, evaluation of expression, python statement, type conversion (explicit & implicit), accepting data as input from the console and displaying output Errors: syntax errors, logical errors, run time errors Flow of control: introduction, use of indentation, sequential flow, conditional and iterative flow control Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs: e.g.: absolute value, sort 3 numbers and divisibility of a number Iterative statements: for loop, range function, while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series, finding the factorial of a positive number etc.
SEPTEMBER	Computational Thinking and Programming Contd. <ul style="list-style-type: none"> Strings: introduction, indexing, string operations (concatenation, repetition, membership & slicing), traversing a string using loops, built-in functions: len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(),rstrip(),strip(),replace(),join(),partition(),split()
OCTOBER	Computational Thinking and Programming Contd. <ul style="list-style-type: none"> Lists: introduction, indexing, list operations (concatenation, repetition, membership & slicing), traversing a list using loops, built-in functions: len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists, suggested programs: finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list
NOVEMBER	Computational Thinking and Programming Contd.

	<ul style="list-style-type: none"> • Tuples: introduction, indexing, tuple operations (concatenation, repetition, membership & slicing), built-in functions: len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple, suggested programs: finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple • Dictionary: introduction, accessing items in a dictionary, mutability of dictionary (adding new item, modifying existing item), traversing dictionary, built-in functions: len(), dict(), keys(), values(), items(), get(), update(), del, clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), count(), sorted(), copy(); suggested programs : count the number of times a character appears in a given string using a dictionary, create dictionary with names and their Salary and access them
DECEMBER	<p>Computational Thinking and Programming Contd.</p> <ul style="list-style-type: none"> • Introduction to Python modules: Importing module using 'import <module>' and using from statement, Importing math module (pi, e, sqrt, ceil, floor, pow, fabs, sin, cos, tan); random module (random, randint, randrange), statistics module (mean, median, mode) <p>Society, Law and Ethics</p> <ul style="list-style-type: none"> • Digital Footprints • Digital society and Netizen: net etiquettes, communication & social media etiquettes • Data protection: Intellectual Property Right (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source softwares and licensing (Creative Commons, GPL and Apache) • Cyber-crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, preventing cyber crime
JANUARY	<p>Society, Law and Ethics Contd.</p> <ul style="list-style-type: none"> • Cybersafety: safely browsing the web, identity protection, confidentiality, cyber trolls and bullying. • Safely accessing websites: malware, viruses, trojans, adware • E-waste management: proper disposal of use of electronic gadgets • Indian Information Technology Act (IT Act) • Technology & Society: Gender & disability issues while teaching and using computers

JHARKHAND ZONE B

CLASS XI (SESSION 2025-26)

SUB-ACCOUNTANCY

SCHEDULE OF SYLLABUS

MONTH	CHAPTER /TOPIC	SPECIFIC EXAM/TEST
JUNE	Chaper-1 INTRODUCTION TO ACCOUNTING	MCQ,HOTS,ASSERTION REASONING ,CSBQ
JULY	Chaper-2 THEORY BASE OF ACCOUNTING Chaper-3 RECORDING OF TRANSACTIONS: RULES OF DR.& CR. ACCOUNTING EQUATION	MCQ,OBJECTIVE,APPLICATI ON BASED QUESTION, ASSERTION REASONING
AUGUST	Chaper-3 RECORDING OF TRANSACTIONS to be continue..... JOURNAL (GST) LEDGER TRIAL BALANCE CASH BOOK & OTHER S.BOOK Chaper-4 Bank Reconciliation Statement (BRS)	MCQ,HOTS,ASSERTION REASONING ,CBQ Etc.
SEPTEMBER	REVISION & TERM-I	
OCTOBER	Chaper-5 DEPRECIATION ,PROV.& RESERVE Chaper-6 RECTIFICATION OF ERRORS	MCQ,OBJECTIVE,APPLICATI ON BASED QUESTION, ASSERTION REASONING
NOVEMBER	Chaper-7 FINANCIAL STATEMENT WITHOUT ADJUSTMENT	MCQ,OBJECTIVE,APPLICATI ON BASED QUESTION, ASSERTION REASONING
DECEMBER	FINANCIAL STATEMENT OF WITH ADJUSTMENT Chaper-8 SINGLE ENTRY SYSTEM & REVISION	MCQ,OBJECTIVE,APPLICATI ON BASED QUESTION, ASSERTION REASONING
JANUARY	REVISION & PRACTICE TEST	PRACTICE OF PREVIOUS YEAR QUESTION
FEBRUARY	FINAL EXAM	

JHARKHAND ZONE B
CLASS XI (SESSION 2025-26)

SUB-BUSINESS STUDIES SCHEDULE OF SYLLABUS

MONTH	CHAPTER /TOPIC	SPECIFIC EXAM/TEST
JUNE	CHAPTER-1 BUSINESS TRADE AND COMMERCE	MCQ,HOTS,ASSERTION REASONING ,CSBQ
JULY	CHAPTER-2 FORMS OF BUSINESS ORGANISATION	MCQ,OBJECTIVE,APPLICATI ON BASED QUESTION, ASSERTION REASONING
	CHAPTER-3 PUBLIC PRIVATE AND GLOBAL ENTERPRISES	MCQ,HOTS,ASSERTION REASONING ,CSBQ
AUGUST	CHAPTER-4 BUSINESS SERVICES	MCQ,OBJECTIVE,APPLICATI ON BASED QUESTION, ASSERTION REASONING
	CHAPTER-5 EMERGING MODE OF BUSINESS	MCQ,OBJECTIVE,APPLICATI ON BASED QUESTION, ASSERTION REASONING
	CHAPTER-6 SOCIAL RESPONSIBILITY AND BUSINEESS ETHICS	MCQ,OBJECTIVE,APPLICATI ON BASED QUESTION, ASSERTION REASONING
SEPTEMBER	REVISION & TERM-I	
OCTOBER	CHAPTER-7 SOURCES OF FUNDS	MCQ,HOTS,ASSERTION REASONING ,CSBQ
NOVEMBER	CHAPTER-8 SMALL BUSINESS AND ENTREPRENEURSHIP DEVELOPMENT	MCQ,HOTS,ASSERTION REASONING ,CSBQ
DECEMBER	CHAPTER-9 INTERNAL TRADE	MCQ,OBJECTIVE,APPLICATI ON BASED QUESTION, ASSERTION REASONING
	CHAPTER-10 EXTERNAL TRADE	
JANUARY	REVISION AND PRACTICE TEST	PREVIOUS YEAR QUESTION
FEBRUARY	FINAL EXAM	

JHARKHAND ZONE B
CLASS – XI
ECONOMICS (030)
SYLLABUS AND BLUEPRINT
FOR
HALF YEARLY EXAMINATION – 2025-26

STATISTICS FOR ECONOMICS (SECTION-A)	
UNIT/CHAPTER	WEIGHTAGE
INTRODUCTION	05
COLLECTION & ORGANISATION	10
PRESENTATION OF DATA	10
MEASURES OF CENTRAL TENDENCY (ONLY UP TO MEAN)	15
	40
INTRODUCTORY MICROECONOMICS (SECTION-B)	
INTRODUCTORY MICROECONOMICS	15
CONSUMER'S EQUILIBRIUM (a) UTILITY (b) DEMAND & ELASTICITY OF DEMAND	25
	40
TOTAL (A+B)	80

JHARKHAND ZONE B**CLASS-XI****2025-26****FMM (805)****SYLLABUS**

MONTH	CHAPTER/CONTENTS	HALF YEARLY EXAM (WEIGHTAGE)	ANNUAL EXAM (WEIGHTAGE)
<i>JUNE,2025</i>	MARKET AND FINANCIAL INSTRUMENTS	15	06
<i>JULY,2025</i>	PRIMARY AND SECONDARY MARKET	17	08
	ES-COMMUNICATION SKILLS	05	02
<i>AUGUST,2025</i>	MUTUAL FUNDS PRODUCTS & FEATURES	18	06
	ES-SELF MANAGEMENT SKILLS	05	02
<i>SEPTEMBER,2025</i>	HALF YEARLY EXAMINATION		
<i>SEPTEMBER,2025</i>	ETFs, DEBT & LIQUIDFUNDS	--	12
<i>OCTOBER,2025</i>	ETFs, DEBT & LIQUIDFUNDS	--	
<i>NOVEMBER,2025</i>	TAXATION & REGULATIONS	--	10
	ES-ICT SKILLS	--	02
<i>DECEMBER,2025</i>	QUANTITATIVE EVALUATION OF MUTUAL FUNDS	--	08
	ES- ENTERPRENUERIAL SKILLS	--	02
<i>JANUARY,2026</i>	FMM- REVISION	---	--
	ES- GREEN SKILLS		02
<i>FEBRUARY,2026</i>	ANNUAL EXAMINATION		

JHARKHAND ZONE B**CLASS –XI****SCHEDULE OF SYLLABUS [SESSION – 2025-26]****SUBJECT: PHYSICAL EDUCATION (048)**

MONTHS	CHAPTER/UNIT	TOPICS
JUNE,2025	1. Changing trends and career in physical education	Courses in physical education, Career options , Changes in playing surfaces, equipment, technologies
JULY,2025	2. Olympism	Values of Olympic, History, summary
JULY,2025	3. Yoga	Asthma, Diabetes, Hypertension, Arthritis, Obesity Helpful asanas & their procedures with contraindications
AUGUST, 2025 SEPTEMBER, 2025	4. Physical education and sports for C. W. S. N.	Paralympic, Special Olympics, Deaflympics Types of disability and disorder
	5. Physical fitness, wellness and lifestyle	Balanced diet B. M. I Calculation
OCTOBER,2025	6. Test and measurement in sports	S. A. I. Khelo India fitness test Types of physical fitness test
NOVEMBER,2025	7. Physiology and injuries in sports	Importance of Physiology in sports Types of injuries and First aid
DECEMBER,2025	8. Fundamentals of anatomy and physiology	Studies of muscle and bones, Science of physiology
JANUARY, 2026 FEBRUARY, 2026	9. Psychology and sports	Importance of psychology in sports
	10. Training and doping in sports	Training methods, Warm up and conditioning Training cycles
REVISION MARCH,2026		

