

ARTIFICIAL INTELLIGENCE (SUBJECT CODE - 843)**Recommended Book- NCERT**

APRIL		PART A Employability skills III
MAY		PART B Unit 1: Python Programming – II Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project Concept: Model Performance-Evaluation Metrics
JUNE	Mock Test 1	
JULY		Unit 3: Making Machines See Unit 4: AI with Orange Data Mining Tool Concept: Key domains of AI with Orange data mining Tool
AUGUST		Unit 5: Introduction to Big Data and Data Analytics Concept: Future of Big Data Analytics
SEPTEMBER	Half Yearly	REVISION
OCTOBER		PART A Employability skills III PART B Unit 6: Understanding Neural Networks Concept: Basic structure and components of a neural network.
NOVEMBER	Mock Test 2	Unit 7: Generative AI Concept: Need of Generative AI
DECEMBER		Unit 8: Data Storytelling Concept: Why is Data Storytelling Powerful?
JANUARY-FEBRUARY	Pre Boards	Revision

RABEA GIRLS' PUBLIC SCHOOL**SYLLABUS****2026-2027****CLASS XII**

**KATRA DINA BEG, LAL KUAN,
DELHI -110006**

ENGLISH

Prescribed Book-FLEMINGO, VISTAS

Recommended Book- Oxford Dictionary

Month	Tests	Syllabus Details
APRIL		Flamingo- 1. <u>The Last Lesson- Alphonse Daudet</u> 2. Lost Spring - Anees Jung 1. <u>My Mother at Sixty-Six Kamala Das(Poem)</u> Vistas- 1. The Third Level Writing Skills - Notice Writing Reading skills – Comprehension Passage Monthly Concept- Simple Present & Past
MAY		Flamingo- 3. Keeping Quiet - Pablo Neruda(Poem) Vistas- 2. The Tiger King – Kalki Writing Skills – Report Writing Letter to Editor of Newspaper/Concerned authority Monthly Concept- Present & Past Cont.
JUNE	MT1	
JULY		Flamingo 3. Deep Water - William Douglas 4. The Rattrap - Selma Lagerlof Vistas- 3. Journey to the End of the Earth Writing Skills- Invitation & Reply Monthly Concept- Present & Past Perfect
AUG		Flamingo- 5. Indigo - Louis Fischer 6. Poets & Pancakes-Asokamitran Vistas- 4. The Enemy - Pearl S. Buck Reading Skills -Comprehension Passage Monthly Concept- Present & Past Perfect Cont.

ACCOUNTANCY

Prescribed Book- T S Grewal

Recommended Book- NCERT

Month	Tests	Syllabus Details (Chapter Names)
APRIL		Fundamentals of Partnership Concept: Profit and Loss Appropriation Account
MAY		Admission of a partner Concept: Adjustments of capital
JUNE	Mock Test 1	Retirement of a partner Death of a partner Concept: Adjustments of capital Executor's A/c
JULY		Dissolution of a partnership firm Concept: Dissolution expenses
AUGUST		Accounting for Share Capital Concept: Pro rata allotment
SEPTEMBER	Half Yearly	Ratio Analysis Comparative and Common size statements Concept: Liquidity, solvency, turnover and profitability ratios
OCTOBER		Cash Flow Statement Concept: Accumulated Depreciation and Machinery Account
NOVEMBER	Mock Test 2	Change in profit sharing ratio Methods for Valuation of Goodwill Concept: Treatment of goodwill Methods for valuation of goodwill
DECEMBER		Accounting for Debentures Concept: Issue of debentures
JANUARY- FEBRUARY	Pre Boards	Revision

BUSINESS STUDIES

Prescribed Books- Business Studies by Subhash Dey

Recommended Books- NCERT, Business Studies by Poonam Gandhi

Month	Tests	Syllabus Details
APRIL		Unit 1. Marketing Management Unit 2. Principles of Management Concept: Functions of marketing Fayol's principles of management
MAY		Unit 3. Consumer Protection Unit 4. Nature and Significance of Management Concept: Rights of a consumer Coordination
JUNE	MT1	
JULY		Unit 5. Planning Unit 6. Staffing Concept: Types of plan Recruitment and Selection
AUGUST		Unit 7. Directing Unit 8. Controlling Unit 9. Business Environment Concept: Motivation and leadership Controlling process Dimensions of Business Environment
SEPTEMBER	HALF YEARLY	Revision
OCTOBER		Unit 10: Financial Management Concept: Capital structure
NOVEMBER		Unit 11. Organizing Unit 12. Financial Market Concept: Functional structure and divisional structure , Money market instrument
DECEMBER	MT2	Revision
JANUARY-FEBRUARY	Pre-Boards	Revision

SEPT	Half Yearly	Reading Skills-Comprehension Passage
OCT		Flamingo- 7. The Interview Part 1 & 2 4. A Thing of Beauty - John Keats(Poem) 6.Aunt Jennifers's Tigers - Adrienne Rich- (Poem) Monthly Concept- Simple Future & Future Cont.
NOV	MT 2	Flamingo- 5. A Roadside Stand- Robert Frost(Poem) 8. Going Places- A.R Barton Vistas- 6. On the face of it – Susan Hill Writing Skills- Job Application with resume/ bio-data Reading Skills - Comprehension Passage Monthly Concept- Future Perfect
DEC	Pre-Board	Vistas- 8. Memories of Childhood- Part1 & 2 Writing Skills - Article Writing Reading Skills – Comprehension Passage Monthly Concept- Future Perfect Cont.
JAN-FEB	Pre-Boards	Revision

ART & CRAFT

1. QUILLING WORK
2. PAPER BAGS

HINDI

Prescribed Books- 1. अंतरा भाग-2 2. अंतराल भाग-2 3. जनसंचार व पत्रकारिता

Month	Tests	Syllabus Details
APRIL		1. जयशंकरप्रसाद – कार्नेलिया का गीत देवसेना का गीत 2. प्रेमघन की स्मृति छाया 3. जनसंचार व पत्रकारिता मासिक अवधारणा - भारत की विशेषताओं को स्पष्ट करना। गतिविधि - जयशंकर प्रसाद व उनकी रचनाओं पर परियोजना कार्य।
MAY		4. सूरदास की झोपड़ी
JUNE	MT-1	
JULY		5. शेर, पहचान, चारहाथ, साझा 6. विद्यापति के पद मासिक अवधारणा-शासन तंत्र की सच्चाई को व्यक्त करना। गतिविधि - पाठ में प्रयुक्त प्रति को स्पष्ट करना।
AUG		7. रघुवीर सहाय – तोड़ो, वसंत आया। 8. बिसकोहर की माटी 9. तुलसीदास – भरत-राम का प्रेमपद मासिक अवधारणा-भरत के त्याग को स्पष्ट करना। गतिविधि - शहरी जीवन की समस्याओं पर अनुच्छेद लेखन।
SEPT	Half Yearly	पुनरावृत्ति
OCT		10. सूर्यकांत त्रिपाठी निराला-सरोज स्मृति 11. बनारस वदिशा 12. कटज मासिक अवधारणा-निराला की काव्य कला से परिचित कराना गतिविधि - कुटूँष पाठ का सारांश अपने शब्दों में लिखिए।
NOV		13. दूसरा देवदास 14. जहाँ कोई वापसी नहीं 15. बारहमासा मासिक अवधारणा-प्रेम की भावना को स्पष्ट करना। गतिविधि - पदों की व्याख्या करें।
DEC	MT2	16 अपना मालवा खाऊँ उजाड़ू 17 घनानंद मासिक अवधारणा-घनानंद के विषय में जानकारी देना
JAN FEB	PRE- BOARDS	पुनरावृत्ति

URDU(ELECTIVE)

کتابیں : گلستان ادب (بارہویں جماعت کے لیے)
این سی ای آر ٹی
خیابان اردو (بارہویں جماعت کے لیے) این سی ای آر ٹی

Month	Tests	Syllabus Details
APRIL		مکتوب نگاری مرزا غالب کے خطوط تنقیدی مضامین ۲: خوجی ایک مطالعہ افسانہ ۱: سکون کی نیند نوٹس ۱: اردو زبان کی ابتداء اور ارتقاء ۲: دبستان دہلی ۳: دبستان لکھنؤ Concept of the month: مکتوبات/تنقید
MAY		انشائیہ مچھر ۲: روح ارضی آدم کا نظم آپ بیتی اس آباد خرابے میں غزل اب بھاگتے ہیں----- افسانہ لمحے Concept of the month: نظم /افسانہ *Urdu project*
JUNE	MT-1	
JULY		افسانہ ۱: فوٹو کرافٹر ۲: کلرک کی موت غزل ۱: اول شب----- ۲: زندگی بے تو----- Concept of the month: غزل

AUGUST		نظم : ارتقاء گور غریباں جنم دن انتخاب : بودے مضمون : غالب جدید۔۔۔۔۔ غزل : اب بھاگتے ہیں۔۔۔ Concept of the month: رپورتاژ
SEPTEMBER	Half Yearly	بندی کہانی: جلتی جھاڑی غزل : ۱: جب لگیں زخم۔۔ ۲: زندگی بے تو۔۔۔۔۔ ۳: یہ شب یہ۔۔۔۔۔ Concept of the month: غزل
OCTOBER		نظم : ۱: زندگی سے ڈرتے ہو سفر نامہ : زرد پتوں کی بہار Concept of the month: آزاد نظم
NOVEBER		غزل : یہ شب یہ خواب۔۔۔ -- خاکہ : کلیم الدین احمد ترقی پسند تحریک سرسید تحریک Concept of the month: خاکہ
DECEMBER	MT2	Revision
JANUARY FEBRUARY	PRE- BOARDS	تمام اسباق کی مشق Revision

MATHEMATICS

Prescribed Books- NCERT

Recommended Books- S.M.A.R.T. Minds Mathematics , Exemplar

Month	Tests	Syllabus Details (Chapter Number & Names)
APRIL		1. Matrices and Determinants 2. Inverse Trigonometric function 12. Relation and Function Concept: Trigonometry
MAY		3. Continuity and Differentiability
JUNE	MT -1	
JULY		4. Application of Derivatives
AUGUST		10. Linear Programming Concept: Graph of Linear Inequality
SEPTEMBER	HALF YEARLY	5. Indefinite Integral, Definite Integral 6. Application of Integral
OCTOBER		7. Differential Equation 11. Probability Concept: Basic of Probability
NOVEMBER		8. Vectors 9. Three Dimensional Geometry
DECEMBER	MT-2	Revision
JANUARY- FEBRUARY	PRE BOARDS	Revision

BIOLOGY

Prescribed Book- NCERT, Biology Lab Manual

Recommended Books- Comprehensive, Exam Idea

Month	Tests	Syllabus Details (Chapter Names)
APRIL		1. Sexual Reproduction in Flowering Plants 2. Human Reproduction Concept- *Events of sexual reproduction
MAY		3. Reproductive Health (half) Concept:* Importance of reproductive health Assisted Reproductive technologies
JUNE	MT 1	
JULY		4. Reproductive Health (contd.) 5. Principles of Inheritance and Variation Concept: *Laws of inheritance *Genetic disorders
AUG		6. Molecular Basis of Inheritance 7.Human health and diseases 8.Microbes in Human Welfare Concept: *Study of Genetic material *Immunity *Importance of microbes
SEPT	HALF YEARLY	Revision for Half yearly exams
OCT		9.Evolution 10. Bio-Technology: Principles and processes Concept: *Mechanism of evolution *r- DNA technology
NOV		11.Bio-Technology and its Application 12.Organisms and population 13.Ecosystem Concept: *Applications of rDNA technology *Attributes of population, population interactions *Characteristics of food chain
DEC	MT-2	14.Biodiversity and conservation Concept:*Conservation of plants & animals Revision
JAN-FEB	PRE-BOARDS	Revision for pre-board exams

ECONOMICS

Prescribed Books- INDIAN ECONOMIC DEVELOPMENT – NCERT
Introductory Macroeconomics by T.R Jain & Ohri (V.K Publications)

Suggested Books: INDIAN ECONOMIC DEVELOPMENT–Sandeep Garg
Introductory Macroeconomics - Sandeep Garg (Dhanpat Rai Publications)
Macroeconomic Theory – NCERT

Month	Tests	Syllabus Details (Chapter Names)
APRIL		Unit 1: National Income and related aggregates Unit 6 : Development Experience (1947-90) Indian economy on the eve of Independence Concept : National Income
MAY		Unit 2: Money and Banking Unit 6 : Indian Economy 1950-90 Concept: Functions Of Central Bank
JUNE	MT 1	
JULY		Unit 3: Government Budget Unit 6 : Economic reforms since 1991 Concept: Government Budget
AUG		Unit 4: Determination of Income and Employment Unit 7: Current challenges facing Indian economy (Rural development) Concept: Aggregate Demand And Supply- Inflation/ Deflation
SEPT	HALF YEARLY	Unit 7: Current challenges facing Indian economy (Poverty, Human capital formation, Rural development)
OCT		Unit 7: Current challenges facing Indian economy (Employment, Environment and sustainable development) Unit 5: Balance of Payments Concept : Balance Of Payment
NOV		Unit 5: Foreign exchange rate Unit 8: Development experience of India – A comparison with neighbours Concept : Foreign Exchange Rate
DEC	MT 2	Unit 8 (In continuation)
JAN-FEB	PRE-BOARDS	Revision

AUG		Unit IV: Fabric and Apparel Ch - Design for Fabric and Apparel Concept- Elements and principles of design Ch - Fashion Design and Merchandising Concept- Fashion merchandising at various levels.
SEPTEMBER	HALF YEARLY	Practical exam and Theory Exam Revision
OCTOBER		Ch - Care and Maintenance of Fabrics in Institutions Concept- Laundry at Commercial level Unit V: Resource Management Ch - Hospitality Management Concept- Various departments in Hospitality Industry
NOVEMBER		Ch- Consumer Education and Protection Concept- Rights and responsibilities of Consumer Unit-VI- Communication and Extension Ch - Development Communication and Journalism Concept- Role of development journalism in society and means to achieve it.
DECEMBER	MT-2	Revision Project Files and Main files Checking Viva Questions Preparation
JANUARY FEBRUARY	PRE-BOARDS	Revision

CHEMISTRY

Prescribed Books- NCERT

Recommended Books- Together with Chemistry ,Exam Idea

Month	Tests	Syllabus Details (Chapter Names)
APRIL		- Haloalkanes & Haloarenes - Alcohols, Phenols & Ethers (Concept: Conversions in Organic Chemistry- Alkyl Halides, Alcohols, Phenols, Ethers)
MAY		Biomolecules (Concept: Structures & Functions of Biomolecules)
JUNE	MT-1	
JULY		- Amines - Aldehydes, Ketones & Carboxylic acids (Concept: Conversions in Organic Chemistry- Aldehydes, Ketones, Carboxylic Acids, Amines, Diazonium Salts)
AUG		- The d- and f-Block (Concept: Properties & Chemical Reactions of Transition & Inner Transition Elements) - Coordination Compounds (Concept: Analysis of the Coordination Sphere)
SEPT	HALF YEARLY	Revision
OCT		Solutions (Concept: Expression of Concentration, Colligative Properties)
NOV		- Chemical Kinetics (Concept: Rate of the Reaction) - Electrochemistry (Concept: Electrochemistry & Electrolysis)
DEC	MT 2	Revision
JAN-FEB	PRE BOARDS	Revision

POLITICAL SCIENCE

Prescribed Books-1. Contemporary World Politics (NCERT)

2. Politics in India Since Independence (NCERT)

Month	Tests	Syllabus Details (Chapter Names)
APRIL		CH 1: The End of Bipolarity CH 2: Contemporary Centres of Power CH 3: Contemporary South Asia Concept - Cold war
MAY		CH 4: Contemporary South Asia Concept - Regional Organizations
JUNE	MT1	
JULY		CH 5: International Organisations CH 6: Security in the Contemporary World CH 7: Environment and Natural Resources CH 8: Globalisation Concept - Sustainable development
AUGUST		CH 8: Globalisation CH 1: Challenges of Nation Building CH 2: Era of One Party Dominance CH 3: Politics of Planned Development CH 4: India's External Relations Concept - Objectives of NITI Aayog
SEPTEMBER -	HALF YEARLY	CH 4: India's External Relations CH 5: Challenges to and Restoration of the Congress System
OCTOBER		CH 6: The Crisis of Democratic Order Concept - Non- Alignment Movement
NOVEMBER		CH 7: Regional Aspirations CH 8: Recent Developments in Indian Politics Concept- J&K insurgency
DECEMBER	MT -2	Revision
JANUARY FEBRUARY	PRE BOARDS	Revision

HUMAN ECOLOGY AND FAMILY SCIENCES

Prescribed Books: Human Ecology and Family Sciences-XII by NCERT

Recommended Books: Human Ecology and Family Sciences-XII by Saraswati

Month	Tests	Syllabus Details (Chapter Names)
APRIL		Unit I: Work, livelihood and career; Preparation, choices and selection Ch 1: Work, Livelihood and career – Work, age and gender – Occupational heritage of India – Career options – Entrepreneurship and self-employment – Life skills for career building Concept- Various concepts and skills related to livelihood and career Unit II- Nutrition and Dietetics Ch - Clinical Nutrition and Dietetics Concept - Diet Modification and Patients treatment Ch - Public Nutrition and Health Concept - Nutritional Problems among Indians and their Solutions
MAY		Ch - Food Processing and Technology Concept- Use of processed food, Technology behind different processed foods Ch - Food Quality and Food Safety Concept- Types of foods based on perishability and techniques for keeping them safe
JUNE	MT1	
JULY		Project and Main Files Collection Unit III: Human Development and Family Studies Ch -Early childhood Care and Education Concept- NCF and its application in the field of ECCE Ch - Management of Support Services Institutions and Programmes for Children, Youth and Elderly Concept- Social services provided to vulnerable children, youth and elderly people

INFORMATICS PRACTICES

Prescribed Book: Informatics Practices by Sumita Arora, NCERT

Month	Tests	Syllabus Details (Chapter Names)
APRIL		Unit 2 -Database Query using SQL : CH-5 MySQL SQL Revision Tour CH-6 MySQL Functions CH-7 Querying using SQL CH-8 JOINS and SET operations: Unrestricted Joins, Working with two tables using equi-join Concept: SQL commands, MySQL functions, Group by
MAY		Unit 1-Data Handling using Pandas : CH-1Python Pandas-I (Introduction and Series concepts) Concept: Series- creation and operations
JUNE	MT1	--
JULY		Unit 1-Data Handling using Pandas : CH-1 Python Pandas-I (Dataframes) CH-2 Python Pandas -II (Iteration of Dataframes) CH-4 Importing/Exporting Data between CSV files and Dataframes. Concept: Dataframes- creation and operations
AUG		Unit 1-Data Handling using Pandas : CH-3 Plotting with PyPlot (Purpose of plotting; introduction to Matplotlib; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram Customizing plots) Concept : Plotting line chart, bar graph and histogram
SEPT	H.Y.	Revision
OCT		Unit 3: Introduction to Computer Networks Concept : Computer Networks, Internet and WWW
NOV		Project work Unit 4: Societal Impacts Concept : IPR, Cybercrimes and cyber laws, E-waste: hazards and management.
DEC	MT2	Project work and Revision
JAN-FEB	PRE-BOARD	Revision

GEOGRAPHY

Prescribed Books- Fundamental of Human Geography
India- People and Economy, NCERT

Month	Tests	Syllabus Details (Chapter Names)
APRIL		Ch 1Nature & Scope Ch 2Population: Distribution, Density & Growth (World) Ch 1 Population: Distribution, Density & Growth (India) Concept: Factors affecting Population distribution
MAY		Ch 3 Human Development Ch 4 Primary Activities Concept: Human Development
JUNE		
JULY	MT1	Ch 5 Secondary Activities Ch 6 Tertiary & Quaternary Activities Concept: Economic Activities
AUGUST		Ch 7 Transport and Communication (world) Ch 8 Transport and Communication (India) Ch 7 Environmental Issues Concept: Modes of Transportation
SEPT	HALF YEARLY	Ch 2 Human settlements Ch 5 Sustainable Development
OCTOBER		Ch 4 Land Resources and Agriculture Ch 3 Water Resources Concept: Water resources
NOV.		Ch 6 Mineral and Energy Resource Ch 8 International Trade (World) Ch 9 International Trade (India) Concept: International Trade
DEC.	MT2	Revision
JAN. FEB.	PRE BOARDS	Revision

HISTORY

Prescribed Book- Themes in Indian History (NCERT)

Month	Tests	Syllabus Details (Chapter Names)
APRIL		1. Bricks, Beards and Bones-The Harappan Civilization 2. Kings, Farmers and Towns (c. 600 BCE-600 C.E) 3. Kingship, Caste and Class (c. 600 BCE – 600 CE) Concept - Socio political life of Ancient India (600 c. BCE - 600 c. CE)
MAY		4. Thinkers, Beliefs and Buildings Class (c. 600 BCE – 600 CE) 5. Through the Eyes of the Travellers (c. 10th to 17th centuries) Concept - Thinkers and travellers
JUNE		
JULY	MT 1	6. The Bhakti and Sufi Traditions (8 th to 18 th centuries) 7. An Imperial Capital – Vijayanagara Empire 8. Peasants, Zamindars and The State (Half) Concept - Religion and statecraft during 8th -18th century
AUG		8. Peasants, Zamindars and The State (contd) 9. Colonialism and The Countryside 10. Rebels and The Raj (half) Concept - Impact of colonial rule on India
SEP.	HALF YEARLY	Revision and project work to be completed before Half yearly exam
OCT.		10. Rebels and The Raj (contd.) 11. Mahatma Gandhi and the National Movement Concept - Nationalism in India
NOV.		12. Framing the Constitution Concept - Working of Constituent Assembly Revision
DEC.	MT 2	Project work checking and presentation
JAN-FEB	PRE BOARDS	Revision

PHYSICS

Prescribed Book- NCERT, **Recommended book-** S L Arora

Month	Tests	Syllabus Details (Chapter Names)
APRIL		Electrostatics- Electric Potential Concept: Charges and electric field
MAY		Capacitance and capacitors. Concept: Energy stored in capacitor.
JUNE	MT1	Current Electricity. Concept: Electric circuits and their applications
JULY		Magnetic Effects of Current. Magnetism. Concept: Applications of magnetic field
AUGUST		Electromagnetic Induction And Alternating Current. Concept : Electricity using magnetic field
SEPTEMBER		Ray Optics Concept: working of Microscope and Telescope
OCTOBER	HALF YEARLY	Wave optics Dual Nature of Matter Concept: Diffraction, photoelectric current
NOVEMBER		Atoms and Nuclei Electronic Devices (Semiconductor) Concept: Effects of semiconductor in daily life
DECEMBER	MT2	Revision
JANUARY FEBURARY	PRE BOARDS	Revision

