



— In collaboration with —
Mayo College, Ajmer 1875 AD



FINAL EXAMINATION SYLLABUS (2024-2025)
GRADE- XI

ENGLISH

READING

- Unseen Passage for Comprehension(factual, literary or descriptive)
- Unseen Passage for Comprehension(case based factual)
- Note Making and Summarisation

WRITING

- Classified Advertisements
- Poster Writing
- Speech
- Debate

GRAMMAR

- Gap Filling (Tenses,Clauses)
- Re-ordering/Transformation of Sentences

LITERATURE

Hornbill

Prose

Chapter 1: The Portrait of a Lady

Chapter 2: We're Not Afraid to Die...if We Can All Be Together

Chapter 3: Discovering Tut: The Saga Continues

Chapter 5: The Adventure

Chapter 8: Silk Road

Poems

Poem 1: A Photograph

Poem 2: The Laburnum Top

Poem 3: The Voice of the Rain

Poem 4: Childhood

Poem 5: Father to Son

Snapshots

Chapter 1: The Summer of the Beautiful White Horse

Chapter 2: The Address

Chapter 5: Mother's Day

Chapter 7: Birth

Chapter 8: The Tale of Melon City

MATHEMATICS

- Chapter 1. Sets
- Chapter 2. Relation and Functions
- Chapter 3. Trigonometric Functions
- Chapter 4. Complex number and Quadratic equations
- Chapter 5. Linear equations
- Chapter 6. Permutations and Combinations
- Chapter 7. Binomial Theorem
- Chapter 8. Sequence and series
- Chapter 9. Straight lines
- Chapter 10. Conic Sections
- Chapter 11. Introduction to three Dimensional Geometry
- Chapter 12. Limit and Derivatives
- Chapter 13. Statistics
- Chapter 14. Probability

APPLIED MATHEMATICS

- Unit 1: Numbers, Quantification, and numerical application
- Unit 2: Algebra
- Unit 3: Mathematical Reasoning
- Unit 4: Calculus
- Unit 5: Probability
- Unit 6: Descriptive Statistics
- Unit 7: Basics of Financial Mathematics
- Unit 8: Co-ordinate Geometry

PHYSICS

Unit I: Physical World and Measurement

Chapter–2: Units and Measurements

Unit II: Kinematics

Chapter–3: Motion in a Straight Line

Chapter–4: Motion in a Plane

Unit III: Laws of Motion

Chapter–5: Laws of Motion

Unit IV: Work, Energy and Power

Chapter–6: Work, Energy and Power

Unit V: Motion of System of Particles and Rigid Body

Chapter–7: System of Particles and Rotational Motion

Unit VI: Gravitation

Chapter– 8: Gravitation

Unit VII: Properties of Bulk Matter

Chapter-9: Mechanical Properties of Solids

Chapter-10: Mechanical Properties of Fluids

Chapter-11: Thermal Properties of Matter

Unit VIII: Thermodynamics

Chapter-12: Thermodynamics

Unit IX: Behaviour of Perfect Gases and Kinetic Theory of Gases

Chapter-13: Kinetic Theory

Unit X: Oscillations and Waves

Chapter-14: Periodic motion

Chapter-15: Waves Wave motion

CHEMISTRY

Unit-1 Some Basic Concepts of Chemistry

Unit-2 Structure of Atom

Unit-3 Classification of Elements and Periodicity in Properties

Unit-4 Chemical Bonding and Molecular Structure

Unit-5 Thermodynamics

Unit-6 Equilibrium

Unit-7 Redox reactions

Unit-8 Organic Chemistry – Some Basic Principles and Techniques

Unit-9 Hydrocarbons

BIOLOGY

Unit-I Diversity of Living Organisms

Chapter-1: The Living World

Chapter-2: Biological Classification

Chapter-3: Plant Kingdom

Chapter-4: Animal Kingdom

Unit-II Structural Organization in Animals and Plant

Chapter-5: Morphology of Flowering Plants

Chapter-6: Anatomy of Flowering Plants

Chapter-7: Structural Organisation in Animals

Unit-III Cell: Structure and Function

Chapter-8: Cell-The Unit of Life

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: Plant - Growth and Development

Unit-V Human Physiology

- Chapter-17:** Breathing and Exchange of Gases
Chapter-18: Body Fluids and Circulation
Chapter-19: Excretory Products and their Elimination
Chapter-20: Locomotion and Movement
Chapter-21: Neural Control and Coordination
Chapter-22: Chemical Coordination and Integration

ACCOUNTANCY

- Chapter-1:** Meaning, Objective, Scope and Nature of Accounting
Chapter-2: Basic Accounting Terms
Chapter-3: Accounting Principles
Chapter-4: Process and Bases of Accounting
Chapter-5: Accounting Standards
Chapter-6: Accounting Equation
Chapter-7: Double entry system
Chapter-9: Journal
Chapter-10: Accounting for Goods & Service Tax (GST)
Chapter-11: Cash Book
Chapter-12: Other Subsidiary Books
Chapter-13: Ledger
Chapter-14: Trial Balance
Chapter-15: Bank Reconciliation Statement
Chapter-16: Depreciation
Chapter-17: Provisions and Reserves
Chapter-18: Rectification of Errors
Chapter-19: Capital & Revenue
Chapter-20: Financial Statements – Without Adjustments
Chapter-21: Financial Statements - With Adjustments
Chapter-22: Accounts from incomplete records

BUSINESS STUDIES

Part A: Foundations of Business

- Unit 1:** Evolution and Fundamentals of Business
Unit 2: Forms of Business organizations
Unit 3: Public, Private and Global Enterprises
Unit 4: Business Services
Unit 5: Emerging Modes of Business
Unit 6: Social Responsibility of Business and Business Ethics

Part B: Finance and Trade

- Unit 7:** Sources of Business Finance
Unit 8: Small Business and Enterprises
Unit 9: Internal Trade
Unit 10: International Trade

ECONOMICS

PART-A Statistics for Economics

- Chapter 1:** Introduction
- Chapter 2:** Collection of data
- Chapter 3:** Census and Sample Method
- Chapter 4:** Organisation of Data
- Chapter 5:** Presentation of Data-Tabular
- Chapter 6:** Diagrammatic Presentation of Data-Bar Diagrams, Ogive
- Chapter 7:** Frequency Diagram
- Chapter 8:** Arithmetic Line Graphs
- Chapter 9:** Measures of Central Tendency-Mean
- Chapter 10:** Measures of Central Tendency-Median, Mode
- Chapter 11:** Correlation
- Chapter 12:** Index Number

PART-B Introductory Microeconomics

- Chapter 1:** Economics and Economy
- Chapter 2:** Central problem of an Economy
- Chapter 3:** Consumer's Equilibrium-Utility
- Chapter 4:** Consumer's Equilibrium-Indifference Curve
- Chapter 5:** Theory of Demand
- Chapter 6:** Elasticity of Demand
- Chapter 7:** Production Function
- Chapter 8:** Concept of Cost
- Chapter 9:** Concept of Revenue
- Chapter 10:** Producer's Equilibrium
- Chapter 11:** Theory of Supply
- Chapter 12:** Forms of Market- Perfect Competition
- Chapter 13:** Price Determination under Perfect Competition

PHYSICAL EDUCATION

- Unit I:** Changing Trends & Career in Physical Education
- Unit II:** Olympics Value Education
- Unit III:** Yoga
- Unit IV:** Physical Education & Sports for CWSN (Children with Special Needs - Divyang)
- Unit V:** Physical Fitness, Health and Wellness
- Unit VI:** Test, Measurement & Evaluation
- Unit VII:** Fundamentals of Anatomy, Physiology in Sports
- Unit VIII:** Fundamentals of Kinesiology and Biomechanics in Sports
- Unit IX:** Psychology & Sports
- Unit X:** Training and Doping in Sports

POLITICAL SCIENCE

- Chapter 1:** Constitution
- Chapter 2:** Election and Representation
- Chapter 3:** Legislature
- Chapter 4:** Executive
- Chapter 5:** Judiciary
- Chapter 6:** Federalism

Chapter 7:	Local Governments
Chapter 8:	Political Theory: An Introduction
Chapter 9:	Liberty
Chapter 10:	Equality
Chapter 11:	Justice
Chapter 12:	Rights
Chapter 13:	Citizenship
Chapter 14:	Nationalism
Chapter 15:	Secularism

PSYCHOLOGY

CHAPTER 1:	What is Psychology?
CHAPTER 2:	Methods of Enquiry in Psychology
CHAPTER 4:	Human Development
CHAPTER 5:	Sensory, Attentional and Perceptual Processes
CHAPTER 6:	Learning
CHAPTER 7:	Human Memory
CHAPTER 8:	Thinking
CHAPTER 9:	Motivation and Emotion

ARTIFICIAL INTELLIGENCE

Part-A: EMPLOYABILITY SKILLS

Unit 1:	Communication Skills
Unit 2:	Self-Management Skills
Unit 3:	Basic Information and Communication Technology Skills
Unit 4:	Entrepreneurial Skills
Unit 5:	Green Skills

Part-B – SUBJECT SPECIFIC SKILLS

Unit 1 –	Introduction: Artificial Intelligence for Everyone
Unit 2 –	Unlocking your Future in AI
Unit 3 –	Python Programming
Unit 4 –	Introduction to Capstone Project
Unit 5 –	Data Literacy – Data Collection to Data Analysis
Unit 6 –	Machine Learning Algorithms
Unit 7 –	Leveraging Linguistics and Computer Science
Unit 8 –	AI Ethics and Values

INFORMATICS PRACTICES

Chapter 2:	Getting started with Python
Chapter 3:	Python Programming Fundamentals
Chapter 4:	Conditional and Looping constructs
Chapter 5:	List Manipulation
Chapter 6:	Dictionary
Chapter 7:	Database concepts and the Structured Query Language
Chapter 8:	Introduction to the Emerging Trends

MUSIC

1. Definition Naad, Shruti, Swar
2. Life sketch and contribution towards music by Mian tansen
3. Write the introduction and notation of Teental with ek gun dugun tigon and chaugun layakaries.
4. One Razakhani gat in raag Bihag with introduction, elaborations, toras and jhala.
5. Definitions: saptak, thaat , jaati.
6. One Razakhani gat in raag Bheempalasi with introduction, elaborations, toras and jhala.
7. Write the introduction and notation of ektaal with ekgun, dugun, tigon and chaugun.
8. Brief history of Masitkhani gat and Razakhani gat
9. Brief history of drupad.
10. Definitions :laya and taal.
11. Write the introduction and notation of chautaal with ekgun, dugun, tigon and chaugun.
12. Life sketch and contribution towards music by Pt. V.N. Bhatkhande.
13. One Masitkhani gat in any prescribed raga .
14. Definitions : Raag and Gat.
15. Knowledge and structure of instrument opted for.
16. One Razakhani gat in raag Bhairavi with introduction, elaborations, toras and jhala.
17. Brief history of musical elements in Natya Shastra.
18. Definitions: Desi -Margi.
19. Life sketch and contribution towards music by Pt. V.D. Paluskar.
20. Critical study of prescribed ragas along with recognising ragas from phases of swaras and elaborating them.
21. Recitation of Thekas of all the Taals prescribed in the syllabus.

DANCE

Definition: Nritya, Nritya, Natya, Lasya, Anga, Upanga, Pratyaga, Taali, khali, Sam, Tihaayii.

Taal: Teen Taal, JhapTaal, Dadra Taal

Gharana: Lukhnow.

Gharana:- Jaipur

A brief history of Indian Classical dances Bharatnatyam, Manipuri

Practical Work:-Tatkaar in Teen Taal, That, Tora, Tihaayii

Ablity to notate the that , amad in teen taal

Distinctive aspects of kathak (using Ghungrua, Chakkars, Upaj, Costume etc.)

Explain "Abhinay" and its types.

Definition: Sam, Taali, Khaali, Tihayii, Amad, Tora, Vandana, Paran, Tukra.

Taal:- Rupak, Dhamaar Taal.

Practical work:- Paran, Amad, Salami.

Rasa definition and explanation of Nine Rasas. Gat bhav ,gat nikas, bharamri bhed of Teen Taal

A Brief history of Kathak dance.

Practical work:-Padant of all Taal and foot work of Jhap Taal

Definition:-Angahara, Lokdharmi, padant.

Definition :-Sangeet, Costume and makeup in kathak Dance

PAINTING

- THEORY:** (i) SIX LIMBS OF INDIAN PAINTING
(ii) FUNDAMENTALS OF VISUAL ART
- PRACTICAL:** (i) ABSTRACT ART
(ii) STILL LIFE
- THEORY:** (i) THE RAJASTHANI SCHOOL OF MINIATURE PAINTINGS
(ii) HISTORY OF INDIAN PAINTING AND MINIATURE PAINTING
(iii) PERSPECTIVE
- PRACTICAL:** (i) LANDSCAPE
(ii) STILL LIFE
- THEORY:** (i) THE PAHARI SCHOOL OF MINIATURE PAINTINGS
(ii) TECHNIQUES IN PAINTING
- PRACTICAL:** (i) LANDSCAPE
(ii) STILL LIFE
- THEORY:** (i) REVISION OF COVERED SYLLABUS
- PRACTICAL:** (i) LANDSCAPE
(ii) STILL LIFE
- THEORY:** (i) REVISION OF COVERED SYLLABUS
- PRACTICAL:** (i) FOLK ART PAINTING
- THEORY:** (i) THE MUGHAL SCHOOL OF MINIATURE PAINTINGS
- PRACTICAL:** (i) LANDSCAPE
(ii) COLLAGE PAINTING
- THEORY:** (i) THE DECCAN SCHOOL OF MINIATURE PAINTINGS
- PRACTICAL:** (i) LANDSCAPE
(ii) STILL LIFE
- PRACTICAL:** SKETCHING

ENTREPRENEURSHIP

- Unit 1:** Entrepreneurship: Concept and Functions
- Unit 2:** An Entrepreneur
- Unit 3:** Entrepreneurial Journey
- Unit 4:** Entrepreneurship as Innovation and Problem Solving
- Unit 5:** Concept of Market
- Unit 6:** Business Finance and Arithmetic
- Unit 7:** Resource Mobilisation

FINANCIAL MARKET MANAGEMENT

- Unit 1:** Markets and Financial Instruments
Unit 2: Primary and Secondary Market
Unit 3: Mutual Funds Products and Features
Unit 4: ETFs, Debt and Liquid Funds
Unit 5: Taxation and Regulations
Unit 6 : Quantitative Evaluation of Mutual Fund Schemes

ਪੰਜਾਬੀ

- ਵਿਸ਼ਾ- ਅੰਗਰੇਜੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿਚ ਅਨੁਵਾਦ
ਉਪ-ਵਿਸ਼ਾ- ਦਫਤਰੀ ਸ਼ਬਦਾਵਲੀ
ਵਿਸ਼ਾ - ਅੰਗਰੇਜੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿਚ ਅਨੁਵਾਦ
ਉਪ-ਵਿਸ਼ਾ- ਵੱਖ-ਵੱਖ ਵਿਸ਼ਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਸ਼ਬਦਾਵਲੀ
ਵਿਸ਼ਾ- ਅੰਗਰੇਜੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿਚ ਅਨੁਵਾਦ
ਉਪ-ਵਿਸ਼ਾ- ਬੈਂਕ, ਰੇਲਵੇ ਤੇ ਡਾਕ, ਬੀਮਾ ਸੇਵਾਵਾਂ ਤੇ ਕੰਪਿਊਟਰ ਨਾਲ ਸੰਬੰਧਿਤ ਵਾਕ
ਵਿਆਕਰਣ
ਵਿਸ਼ਾ- ਮੁਹਾਵਰੇ
- ਵਿਸ਼ਾ- ਲੋਕ-ਗੀਤ
ਉਪ-ਵਿਸ਼ਾ- ਸੁਹਾਗ, ਘੋੜੀਆਂ
ਵਿਸ਼ਾ- ਲੋਕ-ਗੀਤ
ਉਪ-ਵਿਸ਼ਾ- ਸਿੱਠਣੀਆਂ,
- ਵਿਸ਼ਾ- ਲੋਕ-ਗੀਤ
ਉਪ-ਵਿਸ਼ਾ- ਟੱਪਾ
ਵਿਆਕਰਣ
ਵਿਸ਼ਾ- ਇਸਤਿਹਾਰ, ਸੱਦਾ-ਪੱਤਰ
- ਵਿਸ਼ਾ- ਲੋਕ-ਗੀਤ
ਉਪ-ਵਿਸ਼ਾ- ਬੋਲੀਆਂ, ਢੋਲਾ
- ਵਿਸ਼ਾ- ਲੋਕ-ਗੀਤ
ਉਪ-ਵਿਸ਼ਾ- ਮਾਹੀਆ. ਬੁਝਾਰਤਾਂ
- ਵਿਸ਼ਾ- ਮੁਹਾਵਰੇ
ਉਪ ਵਿਸ਼ਾ- ਅਰਥ ਸਪੱਸ਼ਟ ਕਰਦੇ ਹੋਏ ਵਾਕ ਬਣਾਉਣਾ(ਟ ਤੋਂ ਤ ਤੱਕ) ਛੋਟੇ ਪ੍ਰਸ਼ਨ, ਬਹੁਵਿਕਲਪੀ
ਵਿਸ਼ਾ- ਪ੍ਰੀਤ-ਕਥਾਵਾਂ
ਉਪ-ਵਿਸ਼ਾ- ਸਾਰ, ਵਿਸ਼ਾ ਵਸਤੂ, ਪ੍ਰਸ਼ਨ ਉੱਤਰ