

DALY COLLEGE, INDORE

TERMINAL EXAM CLASS XII SYLLABUS

September 2023

1. ENGLISH

READING -

Unseen Comprehension

LITERATURE -

FLAMINGO

The Last Lesson

My Mother at Sixty Six (poem)

Lost Spring

Deep Water

Keeping Quiet (poem)

The Rattrap

A Thing of Beauty (poem)

Indigo

VISTAS

The Third Level

The Tiger King

Journey to the End of the Earth

The Enemy

On the face of It

WRITING -

Formal Letter: Editor, Complaint, Inquiry, Placing Order

Formal & Informal Invitation and reply

Report Writing, descriptive and analytical in nature, based on verbal inputs

Notice

Article

2. PHYSICS

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

3. CHEMISTRY

Chapter 1 solution

Chapter 2 electrochemistry

Chapter 3 kinetics

Chapter 4 D and f block elements

Chapter 5 coordination compounds

Chapter 6 haloalkanes and haloarenes
(only haloalkanes)

Chapter 10 Biomolecules

4. BIOLOGY

Chapter 2 Sexual Reproduction

In Flowering Plants

Chapter 3 Human Reproduction

Chapter 4 Reproductive Health

Chapter 5 Principles Of Inheritance
And Variation

Chapter 6 Molecular Basis Of
Inheritance

Chapter 7 Evolution

Chapter 8 Human Health And
Disease

Chapter 10 Microbes In Human
Welfare

Chapter 11 Biotechnology :
Principles And Processes
(11.1 Principles Of Biotechnology)

5. Applied Mathematics

1. Numbers, Quantification And Numerical Applications

2. Numerical Inequalities

3. Matrices

4. Determinants

5. Differentiation

6. Application Of Derivatives

7. Integrals

8. Differential Equations

9. Probability

14. Linear Programming

Practical- Project and viva

6. Pure Mathematics (041)

Theory :

1. Relation and Functions

2. Inverse Trigonometric Functions

3. Continuity , Differentiability, Differentiation

4. Application of Derivatives

5. Matrices

6. Determinants

7. Indefinite Integrals

8. Definite Integrals

9. Application of Integrals

10. Differential Equations.

11. Activity:

Administration of one activity based on above concepts and Viva.

7. HISTORY

Theme 1 : Bricks, Beads and Bones
Theme 2 : Kings , Farmers and Towns
Theme 3 : Kinship, Caste and Class
Theme 4: Thinkers, Beliefs and Buildings
Theme 5:Through the eyes of travellers
Theme 6 : Bhakti and Sufi traditions
Theme 7 :An imperial Capital : Vijayanagar
Theme 8 : Peasants, Zamindars and State

8. POLITICAL SCIENCE

CH 4:International Organisation
CH 5 :Security in the Contemporary World
CH 6 :Environment and Natural Resources
CH 7: Globalisation
CH 8:Challenges of Nation Building
CH 9: Era of one party dominance
CH 10: politics of planned development

9. PSYCHOLOGY

Theory-

Chapter 1- Variations in Psychological Attributes.
Chapter 2- Self and Personality.
Chapter 3- Meeting Life Challenges.
Chapter 4- Psychological Disorders.
Chapter 5- Therapeutic Approaches.

Practical-

1.Administration, Report and Viva voice on 1 Psychological Test .
2.Viva on Case Study status.

10. ECONOMICS

Part A : Macro Economics

Unit 1: National Income and Related Aggregates
Unit 2: Money and Banking
Unit 3: Determination of Income and Employment
Unit 4: Government Budget and the Economy

Part B: Indian Economic Development

Unit 6:Development Experience (1947-90) and Economic Reforms since 1991:
Unit 7: Current challenges facing Indian Economy
(Human Capital Formation ,Rural development, and Employment)

11. GEOGRAPHY

Book 1

Ch 1.Human Geography: Nature and Scope
Ch.2 Population distribution
Ch.3 Human Development
Ch.4 Primary Activities
Ch.5 Secondary Activities
Ch. 6 Tertiary and Quaternary Activities
Ch. 7 Transport and Communication

GEOGRAPHY (continued)

Ch.8 International Trade

Book 2

Ch.1 Population distribution, density
Ch.2 Human Settlement
Ch.3 Land Resources
Ch.4 Water Resources
Ch.12 Geographical Perspective to Selected Problems

PRACTICALS

Data: Processes and analysis
Statistics: Mean, Median and Mode
Statistical Diagrams.

12. LEGAL STUDIES

Unit 2 Alternative Dispute Resolution in India (ADR)
Unit 3 Topics in Law I (Business Laws)
Chapter 3 (A) : Law of Contract
Chapter 3 (B) : Law of Torts
Chapter 3 (C) : Law of Property
Chapter 3 (D) : Intellectual Property Law
Unit 4 Topics in Law II (General Laws)
Chapter 4 (A) : Law and Sustainable Development
Chapter 4 (B) : Forms of Legal Entities
Chapter 4 (C) : Criminal Laws in India
Unit 5 Concept of Human Rights
Chapter 5 (A) : Human Rights in India
Chapter 5 (B) : Human Rights Violations - Complaint Mechanism (Quasi-Judicial Bodies)

13. COMPUTER SCIENCE

Chapter 1 - Python Revision Tour
Chapter 2 - Python Revision Tour - II
Chapter 3 - Working with Functions
Chapter 4 - Using Python Libraries
Chapter 5 - File Handling
Chapter 6 - Recursion
Chapter 7 - Idea of Algorithmic Efficiency
Chapter 12 -Relational Databases
Chapter 13 - Simple Queries in SQL
Chapter 14 - Table Creation and Data manipulation Commands
Chapter 15 - Grouping Records, Joins in SQL
Chapter 16 - interface Python with MySQL

14. PAINTING

Unit 1. History of Miniature Painting. The Rajasthani and Pahari School of Miniature Painting.

Unit 2. Mughal Miniature Paintings.

Unit 3. The Bengal School of Miniature Painting, National Flag and the Modern Trends in Indian Art (Painting, Sculpture and Graphics)

15. PHYSICAL EDUCATION

1. - Management of Sporting Events
2. - Children and Women in Sports
3. - Yoga as Preventive measure for Lifestyle Disease
4. - Physical Education & Sports for (CWSN)
5. - Sports & Nutrition
6. - Test and Measurement in Sports
7. - Physiology & Injuries in Sport
8. - Biomechanics and Sports

16. BUSINESS STUDIES

Part A- Principles and Functions of Management

Unit 1. Nature and significance of management

Unit 2. Principles of management

Unit 3. Business environment

Unit 4. Planning

Unit 5. Organising

Unit 6. Staffing

Unit 7. Directing

Unit 8. Controlling

Part B- Business Finance and Marketing

Unit 9. Financial Management

17. ACCOUNTANCY

Part A- Accounting for Partnership Firms and Companies

Unit 1. Accounting for Partnerships Firms

Unit 2. Accounting for Companies - Accounting for Share Capital

18. ENTREPRENEURSHIP

Chapter 1. Entrepreneurial opportunity

Chapter 2. Entrepreneurial planning

Chapter 3. Enterprise marketing

Chapter 4. Enterprise growth strategies

19. HINDUSTANI MUSIC VOCAL

Unit - 1

1.1 brief study of the following:

Alankar, Kan, Murki, Khatka, Gamak

1.2 Brief study of the following:

Gram, Murchhana, Aalap, Tana

Unit -2

Historical development of time theory of Ragas

Unit -3

3.1 Detail study of the following:

Sangeet Ratnakar Sangeet Parijat

3.2 life sketch and contribution of Fayaz Khan Bade

Ghulam Ali Khan Krishna Rao Shankar Pandit

Unit - 4

4.1 description of prescribed Talas along with Tala

Notation with Thah, Dugun and Chaugun Jhaptala,

Rupak Dhamar

4.2 Tuning of Tanpura

20. DANCE KATHAK

Chapter 1: Acquaintance with the themes of classical dances of India

Chapter 2: Describing the life sketches of various classical dance gurus

Learn Kathak specific notation in teentaal, jhaptaal and Dhamar taal

Acquaintance with the traditional dance costumes and make up

Chapter 3: Acquaintance with the three Gharanas of Kathak

Chapter 4: Elementary introduction of Natya Shastra and Abhinay darpan granth

Chapter 5: Basic understanding of the term Abhinay and its aspects

Chapter 6: Definition and explanation of nine rasa

Chapter 7: Learn Kathak specific notation in teentaal jhaptaal and Dhamar taal

Theka of Dadra, Kehrwa and Rupak taal