

**SYLLABUS FOR HALF YEARLY EXAMINATION**  
**SESSION- 2017-18**  
**CLASS - IX**

**SCIENCE -**

- Chapter 1. Matter in our surroundings
- Chapter 2. Is matter around us pure?
- Chapter 5. The fundamental unit of life
- Chapter 6. Tissues
- Chapter 8. Motion
- Chapter 9. Force and Laws of Motion
- Chapter 10. Gravitation (till mass and weight)
- Chapter 15. Improvement in food resources

**SOCIAL SCIENCE**

**History**

- 1- The French Revolution
- 2- Nazism and The Rise of Hitler

**Geography**

- 1- India-size and location
- 2- Physical feature of India

3- Drainage

**Political Science**

- 1- Democracy in the contemporary world
- 2- What is Democracy? Why Democracy.
- 3- Constitutional Design.

**Economics**

- 1- The story of Village Palampur
- 2- People as Resources

**F.I.T.**

- Chapter 1. Computing Technology
- Chapter 2. Input and Output Devices
- Chapter 3. Computer Software
- Chapter 4. Windows operating System
- Chapter 5. Word processing basics
- Chapter 6. Managing Writer Document
- Chapter 7. Tables and Graphics in writer
- Chapter 8. Word processing

**ENGLISH**

**Literature**

- Prose : 1- How I Taught My Grandmother to Read
- 2- A Dog named Duke
- Poetry: 1- The Brook
- 2- The Road Not Taken
- 3- The Solitary Reaper
- 4- Lord Ullin's Daughter
- Drama: 1- Villa for sale

**Language:**

Dairy entry, Article writing, Short story writing, Gap filling, Editing or Omission, Sentence reordering or sentence Transformation, Letter writing, E-Mail writing, Biographical sketch, Active & Passive voice

**Novel:**

Gulliver's travel ( Part I & II )

**MATHEMATICS**

- Chapter 1. Number System
- Chapter 2. Polynomials
- Chapter 3. Coordinate Geometry
- Chapter 4. Heron's Formula
- Chapter 5. Introduction to Euclid's Geometry
- Chapter 6. Lines and Angles
- Chapter 7. Triangles

**HINDI**

- गद्य— पाठ 1. दो बैलों की कथा
- पाठ 2. लहासा की ओर
- पाठ 3. उपभोक्तावाद की संस्कृति
- पाठ 4. साँवले सपनों की याद
- काव्य— पाठ 9. सखियाँ एवं सबद
- पाठ 10. वारव
- पाठ 11. सवैये
- पाठ 12. कैदी और कोकिला
- कृतिका—पाठ 1. इस जल प्रलय में
- पाठ 2. मेरे संग की औरते
- व्याकरण— अपठित काव्यांश, अपठित गद्यांश, उपसर्ग, प्रत्यय, समास, अर्थ की दृष्टि से वाक्य भेद, अलंकार, पत्र, निबंध, संवाद लेखन।

# SYLLABUS FOR HALF YEARLY EXAMINATION

SESSION- 2017-18

CLASS - X

## ENGLISH

### Literature

- Prose- 1. Two Gentlemen of Verona  
2. Mrs. Packletide's tiger  
3. The Letter

- Poerty- 1. The Frog and the Nightingale  
2. Mirror  
3. Not Marble, nor the Gilded monuments

Drama-1. The Dear Departed

### Language

Formal letter, Diary entry, Short story writing, Tense, Story narration, Gap filling, Editing and Omission, Sentence reordering/transformation, Article writing, E-Mail writing, Biographical sketch, Active & Passive voice

### Novel

The Story of my Life-Helen Keller ( Chapter 1 to 14 )

## SOCIAL SCIENCE

### History

1. The making of Global world
2. The Age of Industrilisation
3. Work, Life and Leisure
4. Print Culture and the modern World
5. Novels, Society and History

### Geography

1. Resources and Development
2. Water Resources
3. Agriculture

### Political Science

1. Power Sharing
2. Federalism
3. Democracy and Diversity
4. Gender, Religion and Caste

### Economics

1. Development
2. Sectors of the Indian Economy

## MATHEMATICS

- Chapter 1. Real Numbers  
Chapter 2. Polynomials  
Chapter 3. Pair of Linear equations in Two Variables  
Chapter 4. Statistics  
Chapter 5. Probability  
Chapter 6 Inroduction to Trigonometry  
Chapter 7. Triangles

## F.I.T.

Term-I

### Unit- I [ Basics of I.T. ]

- Chapter 1. Internet Basics  
Chapter 2. Internet and Web Services

### Unit- II [ Information Processing Tools ]

- Chapter 1. Database Management System  
Chapter 2. Introduction to Open Office .org base  
Chapter 3. Base Table Field Properties  
Chapter 4. Working with Base Table Records & Queries  
Chapter 5. Introduction to HTML  
Chapter 6. HTML Text  
Chapter 7. Working with HTML Lists

### Unit- III [ I.T. applications ]

- Chapter 1. Business Computing  
Chapter 2. Web Page Designing

## HINDI

क्षितिज— काव्य— सूरदास के पद ,  
राम—लक्ष्मण—परशुराम संवाद ,  
कवित्त—सवैया

गद्य— नेताजी का चश्मा , बालगोबिन भगत ,  
लखनवी अंदाज

कृतिका— जॉर्ज पंचम की नाक

व्याकरण— वाक्य भेद , वाच्य , पद—परिचय ,  
रस , निबंध लेखन , पत्र लेखन तथा विज्ञापन लेखन

## SCIENCE

- Chapter 1. Chemical Reactions and Equations  
Chapter 2. Acids, Bases and Salts  
Chapter 3. Metals and Non-Metals  
Chapter 6. Life processes  
Chapter 7. Control and Coordination  
Chapter 12. Electricity  
Chapter 13. Magnetic effect of electric current  
Chapter 14. Sources of energy

**SYLLABUS FOR QUARTERLY EXAMINATION  
SESSION- 2017-18  
CLASS - XI ( COMMERCE + HUMANITIES )**

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**ACCOUNTANCY**

- Chapter 1. Meaning and Objectives of Accounting
- Chapter 2. Basic Accounting Terms
- Chapter 3. Accounting Principles
- Chapter 4. Process and Bases of Accounting
- Chapter 5. Accounting Standards and International Financial Reporting Standard ( IFRS )
- Chapter 6. Accounting Equations [ Short Questions only ]
- Chapter 7. Double Entry System
- Chapter 8. Origin of Transactions : Source documents of Accountancy
- Chapter 9. Books of original entry- journal
- Chapter 10. Books of original entry- Cash book
- Chapter 11. Books of original entry- Special purpose subsidiary books
- Chapter 12. Ledger
- Chapter 13. Trial Balance

**BUSINESS STUDIES**

- Chapter 1. Nature and Purpose of Business
- Chapter 2. Forms of Business Organisation
- Chapter 3. Private, Public and Global Enterprises
- Chapter 4. Business Services

**ENTREPRENEURSHIP**

- Unit 1. Entrepreneurship: What, why and how
- Unit 2. An Entrepreneur
- Unit 3. Entrepreneurship Journey
- Unit 4. Entrepreneurship as Innovation and Problem-solving

**SOCIOLOGY**

- Chapter 1. Sociology and Society
- Chapter 2. Terms, concepts and their use in Sociology
- Chapter 3. Understanding social institution
- Chapter 4. Culture and Socialisation

**HOME-SCIENCE**

- Chapter 1. Meaning and Scope of Home-Science
- Chapter 2. Introduction to various stages of Development
- Chapter 3. Infancy
- Chapter 4. Early Childhood
- Chapter 5. Late Childhood
- Chapter 6. Behavioural problems of Children and suggestive measures
- Chapter 7. Prevention from Infectious Diseases
- Chapter 8. Substitute care at Home and Outside
- Chapter 9. Special needs of Disadvantaged children
- Chapter 10. First Aid
- Chapter 11. Food, Nutrition, Health and Fitness
- Chapter 12. Functions of Food
- Chapter 13. Selection of Food for Optimum Nutrition and Health

## **APPLIED ARTS**

### **Theory-**

Chapter 1. Art-An Introduction

Chapter 3. Art and The Culture

Chapter 4. Pre-Historic Rock Painting

Chapter 5. Art of Indus Valley

Chapter 6 The Art during Mauryan, Shunga, Kushana and Gupta Period

### **Practical**

Chapter 1. File work done in Class room

Chapter 2. Still life

Chapter 3. "Bird or Animal "Flower with leaves

## **ENGLISH CORE**

Flamingo Poem - 1,2

Flamingo Prose-Chapter 1- The Last Lesson

Chapter 2- Lost Spring

Vistas Prose -> Chapter 1- The Tiger King

Chapter 2- The Enemy

Writing Section- Poster, Invitation, Advertisement, Notice writing, Letter writing, Report writing

Reading Section- 3 Unseen Passages. ( Notes making included )

Novel - The Canterville Ghost ( Chapter 1,2)

## **HINDI**

काव्य— हरिवंश राय बच्चन , आलोक धन्वा , कुँवर नारायण , रघुवर सहाय

गद्य— भक्तिन

बाजार दर्शन

वितान— सिल्वर वैडिंग

व्याकरण— पत्र , निबंध , अपठित गद्यांश , अपठित काव्यांश , रिपोर्ट , आलेख—जनसंचार माध्यम -> जनसंचार , प्रिंट माध्यम , पत्रकारिता

## **PHYSICAL EDUCATION**

Chapter 1. Changing trends & carrer in Physical Education

Chapter 2. Physical fitness, wellness & lifestyle

Chapter 3. Olympic movement

Chapter 4. Yoga

Chapter 5. Doping

Chapter 6. Physical Activity Environment

Chapter 7. Test & Measurement in Sports

## **M.W.T.**

Unit 1- Introduction to Computer Sustum ( Chapter 1, 2 ,3 and 4 )

Unit 2- Web Development ( Chapter 1,2,3,4,5,6,7,8,9 and 10 )

Unit 3- Web Scripting ( Chapter 1,2,3 and 4 )

## **Music Vocal**

All work which is done in note book.

**SYLLABUS FOR QUARTERLY EXAMINATION**  
**SESSION- 2017-18**  
**CLASS - XI SCIENCE**

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**PHYSICS**

- Chapter 1. Physical world
- Chapter 2. Units, Measurements and Dimensional Analysis
- Chapter 3. Motion in a Straight Line, Calculus
- Chapter 4. Vectors
- Chapter 5. Motion in a Plane
- Chapter 6. Newton's Law's of Motion
- Chapter 7. Work Power and Energy

**CHEMISTRY**

- 1. Organic Chemistry- some basic principles and Techniques
- 2. Chemical bonding and Molecular Structure
- 3. Classification of elements and Periodicity in properties
- 4. Hydrogen
- 5. Hydro Carbons
- 6. Some basic concept of Chemistry

**BIOLOGY**

- Chapter 1. Living World
- Chapter 2. Biological Classification
- Chapter 3. Plant Kingdom- Bryophytes, Pteridophytes, Gymnosperm, Angiosperm
- Chapter 4. Animal Kingdom all Phylum invertebrata- vertebrata
- Chapter 5. Morphology of Flowering Plants, families description- papilionaceae, Fabaceae, Solanaceae

**MATHEMATICS**

- 1. Complex Numbers
- 2. Principle of Mathematical Induction
- 3. Linear Inequality
- 4. Trigonometry
- 5. Trigonometric Equations
- 6. Properties of Triangle
- 7. Permutation and Combination

**APPLIED ARTS**

**Theory-**

- Chapter 1. Art-An Introduction
- Chapter 3. Art and The Culture
- Chapter 4. Pre-Historic Rock Painting
- Chapter 5. Art of Indus Valley
- Chapter 6 The Art during Mauryan, Shunga, Kushana and Gupta Period

**Practical**

- Chapter 1. File work done in Class room
- Chapter 2. Still life
- Chapter 3. "Bird or Animal" "Flower with leaves"

**ENGLISH CORE**

- Flamingo Poem - 1,2
- Flamingo Prose-Chapter 1- The Last Lesson  
Chapter 2- Lost Spring
- Vistas Prose -> Chapter 1- The Tiger King  
Chapter 2- The Enemy
- Writing Section- Poster, Invitation, Advertisement, Notice writing, Letter writing, Report writing
- Reading Section- 3 Unseen Passages. ( Notes making included )
- Novel - The Canterville Ghost ( Chapter 1,2)

## **HINDI**

काव्य— हरिवंश राय बच्चन , आलोक धन्वा , कुँवर नारायण , रघुवर सहाय

गद्य— भक्तिन

बाजार दर्शन

वितान— सिल्वर वैडिंग

व्याकरण— पत्र , निबंध , अपठित गद्यांश , अपठित काव्यांश , रिपोर्ट , आलेख—जनसंचार माध्यम → जनसंचार  
, प्रिंट माध्यम , पत्रकारिता

## **PHYSICAL EDUCATION**

Chapter 1. Changing trends & carrer in Physical Education

Chapter 2. Physical fitness, wellness & lifestyle

Chapter 3. Olympic movement

Chapter 4. Yoga

Chapter 5. Doping

Chapter 6. Physical Activity Environment

Chapter 7. Test & Measurement in Sports

## **M.W.T.**

Unit 1- Inroduction to Computer Sustum ( Chapter 1, 2 ,3 and 4 )

Unit 2- Web Development ( Chapter 1,2,3,4,5,6,7,8,9 and 10 )

Unit 3- Web Scripting ( Chapter 1,2,3 and 4 )

## **Music Vocal**

All work which is done in note book.

**SYLLABUS FOR HALF YEARLY EXAMINATION**  
**SESSION- 2017-18**  
**CLASS - XII ( COMMERCE )**

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**ENTREPRENEURSHIP**

**Unit-I**

- Chapter 1. Sensing Entrepreneurial Opportunities
- Chapter 2. Environmental Scanning
- Chapter 3. Problem Identification
- Chapter 4. Spotting Trends
- Chapter 5. Creating & Innovation
- Chapter 6. Selecting Right Opportunity

**Unit-II**

- Chapter 1. Forms of Business Intities ( Corporate/Non-corporate )
- Chapter 2. Business Plan [ Organisational Plan,Operational Plan,Financial,Marketing,Human Resource Planning]
- Chapter 3. Creating the plan
- Chapter 4. Formalities for Starting a business

**Unit-III**

- Chapter 1. Goals of business
- Chapter 2. Marketing & sales strategy
- Chapter 3. Promotion Strategy
- Chapter 4. Negotiation
- Chapter 5. Customer Relation
- Chapter 6. Employee and Vender management
- Chapter 7. Business failure

**ACCOUNTANCY**

- Chapter 1. Accounting for partenership Firms-Fundamentals
- Chapter 2. Change in Profit Sharing Ratio among Existing Partners
- Chapter 3. Admission of a partner
- Chapter 4. Retirement or Death of a partner
- Chapter 5 Dissolution of Partnership Firm

**BUSINESS STUDIES**

- Chapter 1. Nature & Significance of management
- Chapter 2. Principles of management
- Chapter 3. Business Environment
- Chapter 4. Planning
- Chapter 5. Organising
- Chapter 10. Financial Market
- Chapter 11. Marketing Management
- Chapter 12. Consumer protection

**APPLIED ART**

**Theory**

- Chapter 2. Rajasthani School of Miniature Painting
- Chapter 3. Pahari School of Miniature Painting
- Chapter 4. Mughal School of Miniature Painting
- Chapter 5. Daccan School of Miniature Painting
- Chapter 7. Evolution of the Indian National Flag
- Chapter 8. The Bengal School of Painting
- Chapter 9. Painting of Bengal School
- Chapter 10. Contribution by the Indian Artist towards National Freedom Movement

**Practical**

- Portfolio, Illustration, Poster Making

## **ENGLISH CORE**

Flamingo ( Poetry ) -> Chapter 1,2, 3,4,6

Flamingo ( Prose ) -> Chapter 1,2,3,4,5

Vistas ( Prose ) -> 1,2,5,6,7

Novel - The Invisible Man ( 1-15 )

Writing Section- Complete course [ Advertisement, Notice, Invitation, Poster, Letter writing, Report, Debate, Speech, Article ]

Reading Section- 3 Unseen Passages { Notes making included }

## **HINDI**

गद्य— नमक, शिरीष के फूल, भक्तिन, बाजार दर्शन

काव्य— सूर्यकान्त त्रिपाठी निराला, गोस्वामी तुलसीदास, फिराक गोरखनपुरी, हरिवंश राय बच्चन, आलोक धन्वा ।

वितान— अतीत के दबे पाँव, सिल्वर वैडिंग, जूझ

व्याकरण— अपठित गद्यांश, अपठित काव्यांश, पत्र रिपोर्ट, आलेख, फीचर, जन संचार—समस्त पाठ

## **PHYSICAL EDUCATION**

Chapter 1. Planning in Sports

Chapter 2. Adventure Sports and Leadership Training

Chapter 3. Sports and Nutrition

Chapter 4. Postures

Chapter 5. Children and Sports

Chapter 6. Women and Sports

Chapter 7. Test and Measurement in Sports

Chapter 8. Physiology and Sports

Chapter 9. Sports Medicine

## **M.W.T.**

Unit- I :- Database Management System ( Chapter 1,2 & 3 )

Unit- II :- Networking and open standards ( Chapter 1,2 & 3 )

Unit- III :- Web Development ( Chapter 1,2,3,4,6,7 & 8 )

## **MUSIC VOCAL**

All the work which is done in Note book.



# SYLLABUS FOR HALF YEARLY EXAMINATION

SESSION- 2017-18

CLASS - XII ( SCIENCE )

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## PHYSICS

- Chapter 1. Electrostatics
- Chapter 2. Electrodynamics
- Chapter 3. Moving charges and Magnetism, Magnetic Force
- Chapter 4. Magnetism and M
- Chapter 5. Electromagnetic Induction
- Chapter 6. Alternating Current
- Chapter 7. Electromagnetic Waves
- Chapter 8. Optics- Ray optics
- Chapter 9. Wave Optics

## CHEMISTRY

- 1. Solution
- 2. Electrochemistry
- 3. Chemical Kinetics
- 4. Surface Chemistry
- 5. Co-ordination Compound
- 6. Halo alkanes and Halo arenes
- 7. Alcohols, phenol, ether
- 8. Aldehydes, Ketones, Carboxylic acids

## BIOLOGY

- Chapter 1. Reproduction in Organisms
- Chapter 2. Sexual reproduction in Flowering Plants
- Chapter 3. Reproductive Health
- Chapter 4. Heredity and Variation
- Chapter 5. Molecular basis of Inheritance
- Chapter 15. Biodiversity of Organism
- Chapter 16. Environmental Issue

## MATHEMATICS

- 1. Algebra of Matrices
- 2. Determinants
- 3. Inverse Trigonometric Functions
- 4. Continuity & Differentiability
- 5. Differentiation
- 6. Application of Differentiation
- 7. Indefinite Integral
- 8. Definite Integral
- 9. Application of integral
- 10. Differential Equation

## APPLIED ART

### Theory

- Chapter 2. Rajasthani School of Miniature Painting
- Chapter 3. Pahari School of Miniature Painting
- Chapter 4. Mughal School of Miniature Painting
- Chapter 5. Daccan School of Miniature Painting
- Chapter 7. Evolution of the Indian National Flag
- Chapter 8. The Bengal School of Painting
- Chapter 9. Painting of Bengal School
- Chapter 10. Contribution by the Indian Artist towards National Freedom Movement

## **Practical**

Portfolio, Illustration, Poster Making

## **ENGLISH CORE**

Flamingo ( Poetry ) -> Chapter 1,2, 3,4,6

Flamingo ( Prose ) -> Chapter 1,2,3,4,5

Vistas ( Prose ) -> 1,2,5,6,7

Novel - The Invisible Man ( 1-15 )

Writing Section- Complete course [ Advertisement, Notice, Invitation, Poster, Letter writing, Report, Debate, Speech, Article ]

Reading Section- 3 Unseen Passages { Notes making included }

## **HINDI**

गद्य— नमक, शिरीष के फूल, भक्तिन, बाजार दर्शन

काव्य— सूर्यकान्त त्रिपाठी निराला, गोस्वामी तुलसीदास, फिराक गोरखनपुरी, हरिवंश राय बच्चन, आलोक धन्वा ।

वितान— अतीत के दबे पाँव, सिल्वर वैडिंग, जूझ

व्याकरण— अपठित गद्यांश, अपठित काव्यांश, पत्र रिपोर्ट, आलेख, फीचर, जन संचार—समस्त पाठ

## **PHYSICAL EDUCATION**

Chapter 1. Planning in Sports

Chapter 2. Adventure Sports and Leadership Training

Chapter 3. Sports and Nutrition

Chapter 4. Postures

Chapter 5. Children and Sports

Chapter 6. Women and Sports

Chapter 7. Test and Measurement in Sports

Chapter 8. Physiology and Sports

Chapter 9. Sports Medicine

## **M.W.T.**

Unit- I :- Database Management System ( Chapter 1,2 & 3 )

Unit- II :- Networking and open standards ( Chapter 1,2 & 3 )

Unit- III :- Web Development ( Chapter 1,2,3,4,6,7 & 8 )

## **MUSIC VOCAL**

All the work which is done in Note book.