

MAHAVEER PUBLIC SCHOOL

SYLLABUS CLASS – XII

SESSION – 2018-2019

SUBJECT : ENGLISH

Term I

SECTION A (Reading Section) :

1. Two unseen passages for comprehension questions
2. One unseen passage for Note Making and Summary Writing

SECTION B (Adv. Writing Skills)

3. Notice/Poster/ Advertisement(50words limit)
4. Letters all types (120-150words limit)
 - 4.1 Official etters (Business letters)
 - 4.2. Letter to Editor
 - 4.3. Job letter with Bio-Data/Resume
 - 4.4 Letter to school/college authorities(120-150words limit)
5. Article writing(150-200words limit)
- 6.Speech writing(150-200words)

SECTION C (TEXT BOOKS & NOVEL)

7. Flamingo:

L-1 The Last Lesson

L-2 The Lost Spring

L-3 Deep water

P-1 My Mother at Sixty Six

P-2 An Elementary school

Classroom in a Slum

P-3 Keeping quiet

8. Vistas :

L-2 The Tiger King

L-4 The Enemy

L-5 Should Wizard Hit

Mommy?

L-7 Evans Tries an 'O' Level

9. Extended Reading: Novel

(The Invisible Man)

From Lesson1 to 14

Term II

SECTION A (Reading Section) :

1. Two unseen passages for comprehension questions
2. One unseen passage for Note Making and Summary Writing

SECTION B (Adv. Writing Skills)

3. Notice/Poster/ Advertisement/Invitations with their Replies(word limit 50)
4. Letters all types (120-150words limit)
 - 4.1 Official Letters (Business letters)
 - 4.2. Letter to Editor
 - 4.3. Job letter with Bio-Data/Resume
 - 4.4 Letter to school/college authorities(120-150words limit)
5. Article writing/Report Writing (150-200words limit)
- 6.Speech writing/Debate Writing(150-200words)

SECTION C (TEXT BOOKS & NOVEL)

7. Flamingo:

L-1 The Last Lesson

L-2 The Lost Spring

L-3 Deep water

L-4. The rattrap seller

L-5 Indigo

L-8 Going Places

P-1 My Mother at Sixty Six

P-2 An Elementary school Classroom in a Slum

P-3 Keeping quiet

P-4 A Thing of Beauty

P-6 Aunt Jennifer's Tigers

8. Vistas :

L-2 The Tiger King

L-4 The Enemy

L-5 Should Wizard Hit Mommy?

L-6 On The Face of It

L-7 Evans Tries an 'O' Level

L-8 Memories of Childhood

9. Extended Reading: Novel

(The Invisible Man)

From Lesson 1 to 28(all chapters)

SUBJECT : PHYSICS

UNIT TEST [From 23 July-31 July] {max. marks 40}

Unit 1. Electrostatics

Unit 2. Current electricity

Unit 3. Magnetic effects of electric current

I TERM EXAM.[FROM 28 SEPT.- 13 OCT.] {max.marks 70}

Unit 4. Alternating Current And Applications

Unit 5. Electromagnetic Waves

Unit 6. Optics{Wave And Ray}

Note: Units 1,2,3 Will Also Be A Part Of I Term Exam

I PRE BOARD EXAM.[FROM 19 NOV. – 03 DEC.] {max.marks 70}

Unit 7. Dual Nature Of Light

Unit 8. Atom And Nuclei

Unit 9. Semiconductors And Devices

Unit 10. Cummunication

Note: Units 1,2,3,4,5,6, Will Also Be A Part Of I Pre Board Exam.]

II PRE BOARD EXAM.[FROM 09 JAN.2019-22 JAN.2019]{max. marks 70}

Whole Syllabus[Units 1,2,3,4,5,6,7,8,9,10]

SUBJECT : CHEMISTRY

Term-I

1.Solid state

2.Solutions

3.Electrochemistry

4.Coordination compounds

5.Haloalkanes & Haloarenes

6 Alcolols,Phenols and Ethers

7. Carbonyl compounds

8. Amines

Term-II

9. Extraction & isolation of metals

10. Surface chemistry

11. p-block elements

12. d&f- elements

13. Biomolecules

14. Polymers

15. Chemical Kinetics

16. Chemistry in everyday life

SUBJECT : MATHEMATICS

I-TERM

MARCH

CH 3 MATRICES

APRIL

CH 4 DETERMINANTS

CH 2 Inverse Trigonometric Functions

MAY

CH 5 Continuity and Differentiability

JULY

CH6 Application of Derivatives

CH 7 Indefinite Integrals

AUGUST

CH 7 Definite Integrals

CH 8 Application of Integration

SEPTEMBER

CH9 Differential Equation

CH 10 Vector Algebra

II-TERM

OCTOBER

CH 12 Linear Programming

Ch 13 Probability

CH 11 Three dimensional Geometry

NOVEMBER

CH 1 Relations and Functions

SUBJECT : BIOLOGY

Term 1

1. Reproduction in Organisms
2. Sexual Reproduction in Flowering Plants
3. Human Reproduction
4. Reproductive Health
5. Principles of Inheritance and Variation

6. Molecular Basis of Inheritance
7. Evolution
8. Human Health and Diseases
9. Strategies for Enhancement in Food Production
10. Microbes in Human Welfare
11. Biotechnology : Principles and Processes
12. Biotechnology and its Applications

Term-II

13. Organisms and Populations
14. Ecosystem
15. Biodiversity and Conservation
16. Environment Issues

SUBJECT : BUSINESS STUDIES

Part I Ch 1 to 8

Part Ch 9 to 12

March 2018 Ch-1 Nature and Significance of Management

April Ch-2 Principles of Management

May Ch3 Business Environment

Ch 4 Planning

July Ch 11 Marketing

August Ch9 Financial Management

Ch 10 Financial Market

Sept Ch 12 Consumer protection

Ch 5 Organising

October Ch 6 Staffing

Ch 7 Directing

November Ch 8 Controlling

Business studies project work will be done during session 2018-19

SUBJECT- ACCOUNTANCY

UNIT :1

1. Accounting for Partnership Firms - Fundamentals basic accounting terms.
2. Reconstitutions of Partnership Firm

I TERM

Unit 1 Syllabus +

1. Admission of a Partner
2. Retirement of a Partner and Death of a Partner
3. Dissolution of a Partnership Firm

PRE – BOARD – 1

Unit 1 + First Term + Syllabus +

1. Financial statements for N.P.O
2. Company Accounts - Issue of Shares and Forfeiture of Shares and Balance Sheet.
3. Company Accounts - Issue of Debentures and Redemption of Debentures
4. Cash Flow Statement
5. Accounting Ratios
6. Financial Statements of Companies

7. Financial Statements Analysis

8. Tools for Financial Analysis : Comparative Statements and Common Size Statements

SUBJECT :ECONOMICS

- Government Budget
- National income and related aggregates
- Money and Banking

I TERM EXAM

- Introduction and central problems of an economy
- Consumer equilibrium: Cardinal Utility approach

- Consumer equilibrium: Ordinal Utility approach
- Law of demand and Elasticity of demand
- Law of supply and elasticity of supply
- Price determination under perfect competition

- Production function: Returns to a factor
- Concept of cost
- Concept of revenue
- Producer's equilibrium
- Forms of market

Revision

- Foreign Exchange and Balance of Payments

- short run equilibrium output

I Preboard

- Determination of income and multiplier

Examination

- Problem of deficient demand and excess demand

The syllabus of I Term Exam will also be assessed in Pre-Board Exam- I.

II Preboard

Revision of the full syllabus

Examination

The whole of the syllabus will be assessed in Pre Board Exam- II.

SUBJECT : INFORMATICS PRACTICES

UNIT TEST [From 23 july-31 july] {Max. Marks 40}

Revision Of Class – XI (Mysql)

Unit-14 Group By Function And Joining

Unit -15 Transaction In Mysql

Unit-16 Constraints

I TERM EXAM.[FROM 28 SEPT.- 13 OCT.] {Max.Marks 70}

Course Covered In Unit-I

Revision Of Class – Xi(Java Netbeans)

Unit-6 : More About Classes

Unit-7 : Inheritance

Unit-8 : Jdbc

Unit-17 : It Application

I PRE BOARD EXAM.[FROM 19 NOV. – 03 DEC.] {Max.Marks 70}

Unit-9 : Web Browser

Unit-10 : HTML-I

Unit-11 : HTML-II

Unit-12 : XML

[Whole Syllabus Will Be Covered In Preboard-I]

II Pre Board Exam.[From 09 Jan.2019-22 Jan.2019][Max. Marks 70]

[Whole Syllabus Will Be Covered In Preboard-II]

SUBJECT : COMPUTER SCIENCE

Unit Test	Ch-1 Revision tour of C++
	Ch-2 OOPs Concepts
	Ch-3 Function Overloading
	Ch-4 Classes & Objects
	Ch-5 Constructor And Destructor
	Ch-6 Inheritance
	Ch-9 Arrays
I-Term	Ch-1 Revision tour of C++
	Ch-3 Function Overloading

Ch-4 Classes & Objects

Ch-2 OOPs Concepts

Ch-5 Constructor And Destructor

Ch-6 Inheritance

Ch-7 Data File Handling(Only text file)

Ch-11 Databases & SQL

Ch-12 MySQL

Ch-13 Boolean Algebra

Pre-Board

Ch-1 to Ch-14 (COMPLETE SYLLABUS)

SUBJECT: COMMERCIAL ART

THEORY

TERM 1

MARCH , APRIL And MAY

- The Rajasthan and Pahari schools of Miniature Paintings

*Origin and Development

*Characteristics

*Technique and Background - Miniature paintings

*Sub Schools – Mewar , Bundi , Jodhpur , Bikaner , Kishangarh , Jaipur

*Study of the Rajasthani paintings

- The Pahari School Of Rajasthan Paintings

*Origins and Development

*Schools and Sub – schools

*Main features

*Study of the Pahari paintings

- The Mughal and Deccan Schools of Miniatures Paintings

*Origin and Development

*Main features of the Mughal School

* Study of the important Mughal Paintings

JULY

- The Deccan School

*Origin and Development

*Main features of the Deccan school

*Study of the Deccan Miniatures

PRACTICALS

*Illustration - 05

*Posters - 05

TERM II

AUGUST

Introduction of the Bengal School

*Origin and Development

*Characteristics of the Bengal School

*Contribution of the Indian Artists in the struggles for National Freedom Movement

SEPTEMBER

*Modern trends in Indian art

*Study of the paintings of Contemporary art

* Study of the famous work of contemporary art

OCTOBER

*Study of the Graphic prints of contemporary period

*Study of the Graphic prints

*Study of the famous Sculpture pieces

PRACTICALS

*Illustration - 05

*Posters - 05

SUBJECT: PHYSICAL EDUCATION

UNIT TEST – I

Ch-1 Planning in sports

Ch-7 Test and measurement

TERM EXAM – I

Ch-1 Planning in sports

Ch-2 Sports and nutrition

Ch-3 Yoga and lifestyle

Ch-4 Physical education and sports for differently abled

Ch-5 Children and sports

Ch-6 Women and sports

Ch-7 Test and measurement

Ch-12 Training in sports

I - PRE-BOARD EXAMS

Ch-1 to Ch-7

Ch-8 Physiology and sports

Ch-9 Sports medicine

Ch-10 Kinesiology, Biomechanics and sports

Ch-11 Psychology and sports

II- PRE-BOARD EXAMS

Full syllabus Ch-1 to Ch-12