

HALF YEARLY SYLLABUS

CLASS XII(2019- 20)

ENGLISH

Flamingo - 1.Last lesson, 2.Lost spring, 3.Deep water, 4.Ratrap ,5.Indigo , 6.Poet and pancakes , 7.Interview part 1-2

Poem- 1.My mother at sixty six ,2.An Elementary school classroom in a slum ,3.Keeping Quiet
4.A Thing of beauty ,Vistas* ,1.Third level ,2.Tiger king ,3.Journey to the end of the earth
4.Enemy ,5.Should wizard hit mommy

Writing- Classified ad ,Display ad ,Notice ,Poster, Letter writing ,report,article, debate writing

Reading- Comprehension and note making

PHYSICS

- 1.Electric charges and fields
- 2.Electrostatic potential and capacitance
- 3.Current electricity
- 4.Magnetic effect of current and magnetism
- 5.Magnetism and matter
- 6.Electromagnetic induction
- 7.Alternating current
- 8.Electromagnetic waves

CHEMISTRY

1.SOLUTIONS	9. HALO ALKANES AND HALO ARENES
2. ELECTROCHEMISTRY	10. ALCOHOLS, PHENOLS AND ETHERS
3.CHEMICAL KINETICS	14. POLYMERS
4. SURFACE CHEMISTRY	15. CHEMISTRY IN EVERYDAY LIFE
5. METALLURGY	

BIOLOGY

- 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 resources
- 10.Microbes in human welfare

MATHS

- Chapter 1 Relations and Functions
- Chapter 2 inverse trigonometric functions
- Chapter 3 Matrices
- Chapter 4 Determinants
- Chapter 5 Continuity n Differentiability
- Chapter 6 Application of Derivatives
- Chapter 7 Integrals
- Chapter 8 Application of Integrals
- Chapter 12- Linear Programming

PSYCHOLOGY

1. Chapter 1 - Variations in Psychological attributes
2. Chap 2 - Self & Personality
3. Chap 3 - Meeting Life's challenges
4. Chap 4 - Disorders
5. Chapter 5 - Therapeutic Procedures
6. Chapter 6 - Attitude & Social Cognition
7. Chapter 8 - Psychology & Life

COMPUTER SCIENCE

1. Functions
2. File handling
3. Recursion
4. data visualization using pyplot
5. Stacks and queues
6. Computer networking 1
7. Computer networking 2
8. My SQL revision tour
9. More on SQL
10. Society law and ethics

INFORMATICS PRACTICES

1. NUMPY ARRAY
2. PYTHON PANDAS
3. PLOTTING BAR GRAPHS,SCATTER PLOTS,HISTOGRAMS,BOXPLOTS USING PYPLOT
4. SOFTWARE ENGINEERING
5. AGILE METHODS
6. MYSQL REVISION
7. MORE ON MYSQL
SOCIETY, ETHICS,LAWS

HOME SCIENCE

UNIT I : Human Development - a Lifespan Approach

UNIT II : Food and Nutrition

UNIT III :

Ch 18 : Family Income

Ch 19 : Saving and Investment

P.EDU.

Unit1- Planning in Sports

Unit 2- Sports & Nutrition

Unit3- Yoga & Lifestyle

Unit 4- Physical Education & Sports for CWSN(Children with Special Needs)

Unit 5- Children & Women in Sports

Unit 6- Test & Measurement in Sports