

Class - XII

Subject - Physics



April 2018

- I Week :-** Unit 1 - Electrostatic
Ch (a) electrostatic charge
- II Week :-** Ch (b) Electric field & gauss theorem
- III Week :-** Ch (c) Electrostatic potential
- IV Week :-** Ch (d) Capacitance

May 2018

- I Week :-** Unit 2 - Current electricity
a) Electric current and resistance
- II Week :-** Electric measurement
- III Week :-** Revision of unit 1, 2
- IV Week :-** Unit 3 - Magnetic effect of current & magnetism
a. Magnetic field due to current
b. Force on charged particle

June 2018

(Summer Vacation
(1 June to 30 June 218))

July 2018

- I Week :-** c. Force on current carrying conductor
- II Week :-** d. Earth magnetism
e. classification of magnet materials
- III Week :-** Revision of pre mid term
- IV Week :-** Pre mid term exam

August 2018

- I Week :-** Unit 4 - Electromagnetic induction & alternating current
a. Electromagnetic induction
- II Week :-** b. Alternating current & unit 5 EM waves
- III Week :-** Unit 6 - optics
a) Reflection of light

- b) Refraction of light
c) Refraction of light continue
d) Dispersion of light
e) Optical instrument

IV Week :-

September 2018

- I Week :-** e) Hygiene's principle & interference of light
- II Week :-** f) Diffraction of light, n) Polarization of light
- III Week :-** Revision + conduction of mid term exam
- IV Week :-** Revision + conduction of mid term exam

October 2018

- I Week :-** Unit 7 - Dual nature of matter & radiation
a. Dual nature of matter
b. Dual nature of radiation
- II Week :-** Unit 8 - Atom & nuclei
a. Atoms
- III Week :-** b) Nuclei
c) radiactinty
- IV Week :-** d) Nuclear reactor

November 2018

- I Week :-** Unit 9 - Semiconductor
a) Semi conductor
- II Week :-** b) Semi conductor devices
c) Logic gates
- III Week :-** Revision of post mid term
- IV Week :-** Post mid term

December 2018

- I Week :-** Unit 10 - Communication
- II & IV. Week :-** Revision for examination

January 2019

- I Week :-** Winter vacation
- II. Week :-** Pre board exam





III & IV Week :- Revision of board exam

February 2019

Revision for board exam

March 2019

Final board exam

Practicals

May 2018

- i) Verify ohm's law & draw graph b/w V & I
- ii) Find unknown resistance & resistivity of wire using slide wire meter bridge.

July 2018

- iii) Verify the formula for combination of resistance in series & parallel using slide wire meter bridge.
- iv) Compare emf of two cells using potentiometer

August 2018

- v) Find resistance of galvanometer by half deflection method and also find figure of merit
- vi) Conversion of galvanometer into ammeter and voltmeter

October 2018

- vii) Find the focal length of concave mirror
- viii) Find the focal length of convex lens
- ix) Find focal length of convex lens

November 2018

- x) Draw the characteristics of P-n

- xi) junction diode for forward bias
Draw characteristics of p-n junction diode for reverse bias.

December 2018

- xii) Draw characteristics of zener diode
- xiii) Draw characteristics of p-n-p or n-p-n for common ammeter or base transistor
- xiv) Verify the result by logic gates

Subject - Chemistry

April 2018

- I Week :-** Introduction of solid state and to check knowledge of class XI
- II Week :-** Unit 2 - Solid state
- III Week :-** Unit 2 - Solution (Half)
- IV Week :-** Unit 2 - Solution (Complete)

May 2018

- I Week :-** Unit 3 - Electrochemistry
- II Week :-** Unit 3 - Electrochemistry
- III Week :-** Unit 4 - Chemical kinetics
- IV Week :-** Unit 4 - Chemical kinetics

June 2018

Summer vacation
(1st June to 30th June 2018)

July 2018

- I Week :-** Unit 5 - Surface chemistry
- II Week :-** Unit 6 - Complete
- III Week :-** Revision and conduction of pre mid term
- IV Week :-** Revision and conduction of pre mid term





August 2018
I Week :- Unit 7 - P block elements
II Week :- Unit 7 - P block elements
III Week :- Unit 8 - D & F block elements
IV Week :- Unit 9 - Co-ordination compounds

September 2018
I Week :- Revision of mid term
II Week :- Conduction of mid term
III Week :- Conduction of mid term
IV Week :- Conduction of mid term

October 2018
I Week :- Unit 10 - Haloalkanes and haloarenes
II Week :- Unit 11 - Alcohols, phenols and ether
III Week :- Unit 12 - Aldehydes, ketones and carboxylic acids
IV Week :- Unit 12 - Aldehydes, ketone and carboxylic acids

November 2018
I Week :- Unit 13 - Organic compound containing nitrogen
II Week :- Unit 14 - Biomolecules
III Week :- Unit 15 - Polymers
IV Week :- Unit 16 - Chemistry in everyday life & post mid term

December 2018
I Week :- Post mid term
II Week :- Revision of 1st unit to 5th unit
III Week :- Revision of 6th unit to 12th unit

IV Week :- Revision of 13th unit 16th unit

January 2019
I Week :- Winter break + Revision of sample papers
II Week :- Pre board exam
III Week :- Pre board exam

February 2019
I Week :- Conduction of Final Practicals
II Week :- Revision of sample papers
III Week :- Revision of sample papers
IV Week :- Revision of sample papers

March 2019
Final Exam

Chemistry exam

May 2018
1. To prepare a pure sample of potash alum from a commercial sample

July 2018
2. To prepare pure crystals of mohr's salt

August 2018
3. To prepare standard solution of M / 10 and N/10 of mohr's salt
4. Determine the molarity and strength of a given solution of KMnO_4 , provided standard solution of oxalic acid, ferrous ammonium sulphate.

October 2018
5. Test for the functional groups present in organic compounds unsaturation, alcoholic, phenolic, aldehydic, cationic, carboxylic acids nitriles and amino (Primary) groups.





November 2018

6. Preparation of a acetanilide and dibenzal acetone.

December 2018

7. Preparation of one lyophilic & lyophobic sol. Lyophilic sol starch, egg albumin, gum lyophobic col aluminum hydroxide, ferric hydroxide.
8. Determine one cation and one anion in given salt:
Cation: Pb^{2+} , cu^{2+} , AS^{3+} , Fe^{3+} , Mn^{2+} , NH^{4+} ,
Anions : Co^{2-} , s^{2-} , So^{2-} , No^{3-} , ce^{-} , Br^{-} , I^{-} , CH_3COO^{-} , $C_2O_4^{2-}$

Subject - Medical

April 2018

- I Week:-** Reproduction in organisms
II Week:- Sexual reproduction in following plants
III Week:- Human Reproduction
IV Week:- Reproductive health

May 2018

- I Week:-** Heredity and variation
II Week:- Heredity and variation
III Week:- Molecular basis of inheritance
IV Week:- Molecular basis of inheritance

June 2018

Summer vacation

July 2018

- I Week:-** Evolution
II Week:- Evolution
III Week:- Evolution
IV Week:- Pre mid term

August 2018

- I Week:-** Human health and disease
II Week:- Human health and disease

III Week:- Strategies for enhancement in food production

IV Week:- Microbes in human welfare

September 2018

- I Week:-** Biotechnology principles and processes
II Week:- Biotechnology and its application
III Week:- Mid term exam
IV Week:- Mid term exam
- October 2018**
- I Week:-** Biotechnology and its application
II Week:- Biotechnology and its application
III Week:- Organism and environment
IV Week:- Organism and environment

November 2018

- I Week:-** Ecosystem
II Week:- Biodiversity and its conservation
III Week:- Biodiversity and its conservation
IV Week:- Post mid term

December 2018

- I Week:-** Environmental issues
II Week:- Environmental issues
III Week:- Revision
IV Week:- Revision

January 2019

- I Week:-** Winter vacation
II Week:- Revision
III Week:- Revision
IV Week:- Revision

February 2019

- I Week:-** Revision
II Week:- Revision
III Week:- Revision
IV Week:- Revision

March 2019

Conduction of annual exam





Subject - Mathematics

April 2018

- I Week:-** Revision as check pre requisite knowledge about class XI
- II Week:-** Unit III - Matrices _ unit IV determinants (half)
- III Week:-** Unit IV Determinants (Complete) + unit V matrices continued) (Half)
- IV Week:-** Unit V matrices (continued) (Complete) & Unit-VI Continuity and differentiability.

May 2018

- I Week:-** Unit VII- Differentiation (half)
- II Week:-** Unit VII Differentiation (Complete)
- III Week:-** Unit II - Inverse Trigonometry functions (Comp)
- IV Week:-** Unit I - Relations and functions (half)

June 2018

Summer vacation
(1st June to 30th June 2018)

July 2018

- I Week:-** Holidays home work correction,
- II Week:-** Unit VII - Relations and functions (Complete)
- III. Week:-** Unit VIII - Application of derivatives (half)
- IV Week :-** Conduction of Pre Mid Term

August 2018

- I Week:-** Unit VIII - Application of derivative (Complete)
- II Week :-** Unit IX - (Integrals) (Half)
- III Week :-** Unit IX - Integrals (Complete)
- IV Week :-** Unit X - Application of integrals (Half)

September 2018

- I Week:-** Unit X - Application of integrals (complete) + Revision of Mid Term Exam.
- II. & III. Week :-** Conduction of mid term
- IV. Week :-** Unit XI - differential equations (Half)

October 2018

- I Week:-** Unit XI - Differential equations (complete)
Unit XIV - Linear programming problem)
- II Week :-** Unit XII - Vectors (Half)
- III Week :-** Unit XII - Vectors (Complete)
- IV Week :-** Unit XIII - three dimensional geometry (Half)

November 2018

- I Week :-** Unit XIII - Three dimensional geometry (Complete)
- II & III Week :-** Revising of post mid term
- IV Week :-** Conduction of post mid term

December 2018

- I Week :-** Unit XV - Probability (Half)
- II Week :-** Unit XV - probability (complete)
- III & IV Week :-** Revision for examination

January 2019

- I Week :-** Winter vacation
- II Week :-** Pre board exam
- III & IV Week :-** Revision for board exam

February 2019

Revision for board exam

March 2019

Board examination



Subject - English

April 2018

- I Week** : Flamingo : Ch-1 – The Last Lesson
Reading Skills : Comprehension
- II Week** : Vistas: Ch-1 – The Tiger King
Writing Skills : Letter Writing (Informal)
- III Week** : Flamingo : Ch-2 – Lost Spring
Reading Skills: Comprehension
- IV Week** : Vistas : Ch-2 – The Enemy
Poetry : P-1 – My Mother at Sixty-Six
Writing Skills : Notice Writing

May 2018

- I Week** : Flamingo : Ch-3 – Deep Water
Poetry : P-2 – An Elementary School Classroom in a Slum
Writing Skills : Article Writing
- II Week** : Vistas : Ch- 3 – Should Wizard Hit Mommy
Writing Skills : Speech Writing
- III Week** : Flamingo : Revision from Ch-1 to Ch-3
Vistas : Revision from Ch-1 to Ch-3
Poetry : Revision from P-1 & P2
Reading Skills : Comprehension
- IV Week** : Flamingo : Revision from Ch-1 to Ch-3
Vistas : Revision from Ch-1 to Ch-3
Poetry : Revision from P-1 & P-2
Reading Skills : Comprehension

June 2018

Summer Vacations

July 2018

- I Week** : Checking of Holiday's Homework
- II Week** : Flamingo : Ch-4 – The Rattrap

Poetry : P-3 – Keeping Quiet
Writing Skills : Factual Description

- III Week** : Flamingo : Ch-4 – The Rattrap
Writing Skills : Advertisement (Classified)
- IV Week** : Pre-Mid Term Examinations (23.07.2018 to 28.07.2018)

August 2018

- I Week** : Flamingo : Ch-5 – Indigo (Introduction)
Writing Skills : Advertisement (Commercial)
- II Week** : Flamingo : Revision of Ch-1 – The Last Lesson
Vistas : Revision of Ch-1 – The Tiger King
Poetry : Revision of P-1 – My Mother at Sixty-Six
Reading Skills : Comprehension
- III Week** : Flamingo : Revision of Ch-2 – Lost Spring
Vistas : Revision of Ch-2 – The Enemy
Poetry : Revision of P-2 – An Elementary School Classroom in a Slum
Reading Skills : Note-Making
Writing Skills : Revision of Letter Writing, Report, Advertisement, Notice, Article, Speech and Debate
- IV Week** : Flamingo : Revision of Ch-3 – Deep Water
Vistas : Revision of Ch-3 – Should Wizard Hit
Poetry : Revision of P-3 – Keeping Quiet
Reading Skills : Unseen Passage
Writing Skills : Invitations





September 2018

I Week : Flamingo : Revision of Ch-4 – The Rattrap
Reading Skills : Note-Making
Writing Skills : Replies

II Week : Flamingo : Revision from Ch-1 to Ch-4
Vistas : Revision from Ch-1 to Ch-3
Poetry : Revision from P-1 to P-3
Reading Skills : Unseen-Comprehension
Writing Skills : Poster Making

III & IV Week: Pre Mid-Term Examinations (12.09.2018 to 01.12.2018)

October 2018

I Week : Flamingo : Ch-5 – Indigo
Poetry : P-4 – A Thing of Beauty
Writing Skills : Pamphlet Designing

II Week : Vistas : Ch-4 – On the Face of It
Reading Skills : Unseen

III Week : Flamingo : Ch-6 – Going Places
Writing Skills : Letter Writing (Informal)

IV Week : Vistas : Ch-5 – Evans Tries an O-Level
Reading Skills : Unseen Comprehension

November 2018

I Week : Poetry : P-5 – Aunt Jennifer's Tigers
Writing Skills : Notice Writing

II Week : Vistas : Ch-6 – Memories of Childhood
Reading Skills : Unseen Passage

III Week : Flamingo : Revision of Ch-5 & 6

Vistas : Revision of Ch-4 – 6

Poetry : Revision of P-4 & 5

IV Week : Post-Mid Term Examinations
26.11.2018 to 01.12.2018

December 2018

I Week : Flamingo : Revision of Ch-1–The Last Lesson
Vistas : Revision of Ch-1– The Third Level

Poetry : Revision of P-1– My Mother at Sixty Six

Writing Skills : Factual Description

II Week : Flamingo : Revision of Ch-2 – Lost Spring

Vistas : Revision of Ch-2 – The Tiger King

Poetry : Revision of P-2 – An Elementary School Classroom in a Slum

Writing Skills : Advertisement (Classified)

III Week : Flamingo Revision of Ch-3 – Deep Water

Vistas : Revision of Ch-3 – Journey to the End of the Earth

Poetry : Revision of P-3 – Keeping Quiet

Reading Skills : Unseen Comprehension

IV Week : Flamingo : Revision of Ch-4 – The Rattrap

Vistas : Revision of Ch-4 – The Enemy

Poetry : Revision of P-4 – A Thing of Beauty

Writing Skills : Invitations

January 2019

I Week : Flamingo : Revision of Ch-5 – Indigo





Vistas : Revision of Ch-3 -
Should Wizard Hit Mommy
Reading Skills : Note-Making
February 2019

I Week : Flamingo : Revision of Ch-5 -
Evans Tries an O-Level
Vistas : Revision of Ch-6 - On
the Face of It
Poetry : Revision of P-5 - Aunt
Jennifer's Tigers

February 2019

I Week : Writing Skills : Pamphlet
Designing
Flamingo : Revision of Ch-6 -
Going Places
Vistas : Ch-6 - Revision of
Memories of My Childhood
Reading Skills : Note-Making

Revision for Annual Examination

Subject - Music

अप्रैल 2018

परिभाषा :- अलंकार, वर्ण, कण, मींड, खटका,
मुर्की

जीवन परिचय :- उस्ताद बड़े गुलाम अली खाँ
गायन-वादन :- अलंकार

मई 2018

परिभाषा :- गमक, ग्राम, मूर्च्छना, अलाप, तान,
ताल :- झपताल
जीवन परिचय :- उस्ताद फयाज खाँ

जून 2018

ग्रीष्मावकाश एवं गृहकार्य
(01 जून से 30 जून 2018 तक)

जुलाई 2018

राग वर्गीकरण
रागों का समय सिद्धान्त
राग - भैरव
तिमाही परीक्षा

अगस्त 2018

परिभाषा :- संगीत रत्नाकर
संगीत परिजात
ताल :- रूपक, तिलवाडा

सितम्बर 2018

जीवन परिचय :- पं. कृष्ण राव शंकर, उस्ताद अब्दुल
करीम खाँ
ताल :- धमार
राग :- भीमप्लासी
पं. भातखण्डे जी का संगीत में
योगदान

अक्टूबर 2018

प्रैक्टिकल फाईल बनवानी

नवम्बर 2018

राग :- बागेश्री (बागेश्वरी)
राग व तालों का गायन वादन

दिसम्बर 2018

राग :- मालकौंस,
राग व तालों का गायन-वादन
वार्षिक परीक्षा की तैयारी

जनवरी 2019

राग व तालों का गायन-वादन
वार्षिक परीक्षा की तैयारी

फरवरी 2019

वार्षिक परीक्षा की तैयारी

मार्च 2019

वार्षिक परीक्षा

