

SCHEME OF WORK FOR THE YEAR 2012-2013

Class: -**XII (Science)**

Subject: **PHYSICS**

Month	Topic to be covered	No. of working Days	Date of Unit Test	Date of Submission of Marks of Unit test by email
May 2012	1.Electric charges and field	10		
June 2012	2.Electrostatic potential and capacitance Unit Test 1 & 2 3. Current Electricity	24	UT-1 12-14	20 th June
July 2012	4.Moving charges and magnetism Unit Test 3 & 4 5.Magnetism and matter	14	UT-2 8-10	17 th July
18.7.2012 to 25.8.2012 - Ramzan Holidays				
August 2012	5. Unit Test	4	UT-3 2-3	4 th August
September 2012	6.Electromagnetic Induction 7.Altemating Current 8.Electromagnetic Waves Unit Test 6, 7 & 8	26	UT-4 28-30	2 nd October
October 2012	9. Ray optics and optical instruments 10. Wave Optics Unit Test 9 & 10	22	UT-5 29-31	2 nd November
November 2012	11.Dual nature of radiation and matte 12. Atoms 13. Nuclei Unit Test 11, 12 & 13	23	UT-6 28-30	2 nd December
December 2012	14. Semiconductor electronic, materials, devices and simple circuits. 15. Communication Systems. Unit Test 14 & 15	26	UT-7 26-30	2 nd January
January 2013	Preparation for Model & Annual Examination.	24		
February 2013	Preparation for Model & Annual Examinations	24		
March 2013	Preparation for Model & Annual Examinations	26		

- Teachers may take additional periods if required to finish the chapters in the month concerned.

SCHEME OF WORK FOR THE ACADEMIC YEAR 2012-13

Class: **XII (Science)**

Subject: **CHEMISTRY**

Month & Year	No of Working Days	Units to be covered	Date of Unit Test	Date of Submission of Marks of Unit Test by email.
May-2012	10	Unit-1 The Solid State		
June-2012	24	Unit-1 The Solid State.....continued Unit-2 Solutions Unit-3 Electrochemistry	UT-1 7-10 UT-2 19-20 UT-3 29-30	12 th 22 nd 2 nd July
July-2012	14	Unit-4 Chemical Kinetics	UT-4 14-15	16 th
August-2012	4	Unit-5 Surface Chemistry	-	-
September-12	26	Unit-5 Surface Chemistry.....continued Unit-6 General principles and Process of isolation of Elements Unit-7 The P-Block Elements Unit-8 The d and f-Block Elements	UT-5 7-8 UT-6 14-15 UT-7 26-27	10 th 16 th 29 th
October-2012	22	Unit-8 The d and f-Block Elements... continued Unit-9 Co-ordination Compounds Unit-10 Haloalkenes and Haloarenes Unit-11 Alcohols, Phenols and Ethers	UT-8 5-6 UT-9 15-16 UT-10 28-30	7 th 17 th 31 st
November-2012	23	Unit-11 Alcohols, Phenols and Ethers..... continued Unit-12 Aldehydes, Ketones and Carboxylic Acids Unit-13 Amines	UT-11 6-7 UT-12 & 13 28-30	9 th 2 nd December
Decemer-2012	26	Unit-14 Biomolecules Unit-15 Polymers Unit-16 Chemistry in Everyday Life	UT-14 10-11 UT-15 20-21 UT-16 30-31	13 th 24 th 3 rd January-'13
January-2013	24	Revision & Remedial Classes Preparation for Practical & Model Exam		
February-2013	24	Practical Exam & Model Exam		
March-2013	26	Annual Examination		

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SCHEME OF WORK FOR THE ACADEMIC YEAR 2012-13

CLASS: XII (Science)

SUBJECT: BOTANY

Month & Year	No of Working Days	Units to be covered	Date of Unit Test	Date of Submission of Marks of Unit Test by email.
May-2012	10	<u>Unit-VI Reproduction</u> Chapter-1 Reproduction in Organisms		
June-2012	24	Chapter-1 Reproduction in Organisms (Continued) <u>Unit-VI Reproduction</u> Chapter-2 Sexual Reproduction in Flowering Plants	UT-1 for Unit-VI 26-28	30 th
July-2012	14	<u>Unit-VIII Biology in Human Welfare</u> Chapter-9 Strategies for Enhancement in Food production		
August-2012	4	Chapter-9 Strategies for Enhancement in Food production (Continued)	UT-2 for Unit-VIII 01-03	5 th
September-12	26	<u>Unit-IX Biotechnology</u> Chapter-11 Biotechnology: Principles and Processes Chapter-12 Biotechnology and its Application		
October-2012	22	Chapter-12 Biotechnology and its Application (Continued) <u>Unit-X Ecology</u> Chapter-13 Organisms and Populations	UT-3 for Unit-IX 20-23	25 th
November-2012	23	Chapter-13 Organisms and Populations (Continued) Chapter-14 Ecosystem		
Decemer-2012	26	Chapter-14 Ecosystem (Continued) Chapter-16 Environmental Issues	UT-4 for Unit-X 25-27	29 th
January-2013	24	Revision & Remedial Classes		
February-2013	24	Review, Model and Practical Examination		
March-2013	26	Annual Examination		

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SCHEME OF WORK FOR THE ACADEMIC YEAR 2012-13

CLASS: XII (Science)

SUB: ZOOLOGY

Month & Year	No of Working Days	Units to be covered	Date of Unit Test	Date of Submission of Marks of Unit Test by email.
May-2012	10	<u>Unit-VI Reproduction</u> Chapter-3 Human Reproduction	-	
June-2012	24	Chapter-3 Human Reproduction (Continue.....) Chapter-4 Reproductive Health	UT-1 for Unit-VI 25-28	30 th
July-2012	14	<u>Unit-VII Genetics and Evolution</u> Chapter-5 Principles of Inheritance and Variation	-	-
August-2012	4	Chapter-5 Principles of Inheritance and Variation (Continue.....)	-	-
September-12	26	Chapter-6 Molecular Basis of Inheritance	-	-
October-2012	22	Chapter-6 Molecular Basis of Inheritance (Continue.....) Chapter-7 Evolution	UT-2 for Unit-VII 28-29	30 th
November- 2012	23	<u>Unit-VIII Biology in Human Welfare</u> Chapter-8 Human Health and Disease Chapter-10 Microbes in Human Welfare	UT-3 for Unit-VIII 25-28	30 th
Decemer-2012	26	<u>Unit-X Ecology</u> Chapter-15 Biodiversity and Conservation	UT-4 for Unit-X 26-28	29 th
January-2013	24	Revision & Remedial Classes		
February-2013	24	Chapter wise Exams and Remedial Class Model Examination		
March-2013	26	Annual Examination		

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SCHEME OF WORK FOR THE ACADEMIC YEAR 2012-13

CLASS: XII (Science)

SUB: MATHEMATICS

Month	Topic to be covered	No. of working Days	Date of Unit Test	Date of Submission of Marks of Unit test by email
May 2012	1.Relations and Functions 2.Inverse Trigonometric Functions	10		
June 2012	2.Inverse Trigonometric Functions(Conti) Unit Test 1 & 2 3.Matrices 4.Determinants	24	UT-1 10-15	20 nd June
July 2012	4.Determinants(Conti) Unit Test 3 & 4 5.Continuity & Differentiability	14	UT-2 23-25	15 th July
18.7.2012 to 25.8.2012 - Ramzan Holidays				
August 2012	5. Differentiability(Conti)	4		
September 2012	6.Applications of Derivatives Unit Test 5 & 6 7.Integrals 8.Applications of Integrals	26	UT-3 20-25	30th September
October 2012	8.Applications of Integrals(Conti) Unit Test 7 & 8 9.Differential Equations	22	UT-4 29-31	2 nd November
November 2012	10.Vector Algebra 11.Three Dimensional Geometry Unit Test 9 ,10 & 11	23	UT-5 27-30	2 nd December
December 2012	12.Linear programming 13.Probability Unit Test 12 & 13	26	UT-6 26-30	2 nd January
January 2013	Preparation for Model & Annual Examinations.	24		
February 2013	Preparation for Model & Annual Examinations	24		
March 2013	Preparation for Model & Annual Examinations	26		

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