



SYLLABUS 2024-25
CLASS -XI Science

SUBJECT	NAME OF EXAM	COURSE CONTENT	MM.	TIME
PHYSICS	UT -1	Chapter -2 Unit & measurement Chapter -4 Motion in a plane	50	60 min.
	TERM-1	Syllabus up to UT-1 and Chapter -3 Motion in a straight line Chapter -5 Laws of motion Chapter -6 Work energy and power Chapter -8 Gravitation	100 (70Th.+ 30Pr.)	3 hrs.
	UT-2	Chapter -7 System of particles & rotational motion Chapter -9 Mechanical properties of solids Chapter-10 Mechanical properties of fluid	50	60min.
	TERM -2	Complete course	100 (70Th.+ 30Pr.)	3 hrs.
Chemistry	UT -1	Ch. Some basic concept of chemistry Ch2 Redox reactions	50	60 min.
	TERM-1	Ch1. Some basic concept of chemistry Ch2 Redox reactions Ch3 Structure of Atom Ch4 periodic classification of elements Ch5 Chemical Bonding and structures	100 (70+30.)	3 hrs.
	UT-2	Ch6 Thermodynamics	50	60 min.
	TERM -2	UT -1+ TERM-1+ UT-2 Ch7 Equilibrium Ch8 Basic concept of Organic chemistry Ch9. Hydrocarbon (Complete syllabus)	100 (70.+30)	3 hrs.
Biology	UT -1	Ch-1 The Living World. Ch-2 Biological Classification. Ch-3 Plant Kingdom. Ch-4 Animal Kingdom Ch-5 Morphology of Flowering Plants	50	60 Min
	TERM-1	Syllabus up to UT-1 and Ch-6 Anatomy of Flowering Plants Ch-7 Structural Organization in Animals. Ch-8 Cell: The Unit of Life Ch-9 Biomolecules Ch-10 Cell Cycle and Cell Division	100 (70 Th.+ 30Pr.)	180Min

	UT-2	Ch-13 Photosynthesis in Plants Ch-14 Respiration in Higher Plants Ch-15 Plant Growth and Development Ch-17 Breathing and Exchange of Gases Ch-18 Body Fluid and Circulation	50	60 Min
	TERM -2	Ch-19 Excretory Products and their Elimination Ch-20 Locomotion and Movement Ch-21 Neural Control and Coordination Ch-22 Chemical Control and Coordination Revision : Note: Entire syllabus covered during the session will be included in Term-II and Practical (30marks).	100 (70 Th.+ 30Pr.)	180 Min
English	UT -1	Reading Comprehension along with case based passages. Note Making. Lit:Ch- The Portrait of a Lady Poem-A Photograph ,The Voice of the Rain The Summer of beautiful White horse, The Laburnum Top, Writing): ,Advertisements .Posters, Note making (Grammar) :Determiners ,Tenses. Editing and omission Writing: Classifieds ,Notice	50 Marks	60min
	TERM-1	Reading Comprehension along with case based passages. Note Making Lit: We're not afraid to Die...If we can all be together', Discovering Tut: The Saga Continues , Childhood, Ch- Mother's Day (Play) • Birth (Prose) The Address (Grammar) : Gap filling Sentence reordering ,Integrated Grammar Writing-Speech, Debate All topics covered till Term –I	80+20 =100	180 min
	UT-2	Reading Comprehension along with case based passages. Ch- Silk Road (Prose) Poem- Father to Son Ch-The Adventure Poem -The Tale of Melon City (Grammar) : Integrated Grammar	50	60 min
	TERM -2	Complete Syllabus	80+20 =100	180 min
	UT – 1	Ch. 1.Sets Ch. 2.Relations and Function Ch. 3.Trigonometric Function	50	60 Minutes

Mathematics	TERM-1	Ch.1 to 8 Ch. 4.Principle of Mathematical Induction Ch. 5.Complex Number and Quadratic Equations Ch. 6.Linear Inequalities Ch. 7 Permutations and Combinations Ch. 8.Binomial Theorem	100	3 Hours
	UT-2	Ch. 9 to 12 Ch, 9 Sequences and series Ch. 10 Straight Line Ch. 11 Conic Section Ch. 12 Introduction to Three Dimensional Geometry	50	60 Minutes
	TERM -2	Complete Syllabus Ch. 1 to 16 Ch. 13. Limits and Derivatives Ch. 14. Mathematical Reasoning Ch. 15 Statistics Ch. 16 Probability	100	3 Hours
I.P.	UT -1	Ch 1- Computer System Ch 3- Basic overview of Python	50	60 Min.
	TERM-1	Course covered in UT-1 Ch-2 Emerging Trends Ch-4 Lists & Dictionaries	100 (70+30)	180 Min.
	UT-2	Ch-7 Database Concepts Ch-8 Introduction to SQL	50	60 Min.
	TERM -2	Complete Course	100 (70+30)	180 Min.
P.E.	UT -1	UNIT-1 Changing Trends & Career in Physical Education UNIT 2 Olympic Value Education	50	60 Min.
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	UT-2	UNIT-7 Fundamentals of Anatomy and Physiology in Sports UNIT 8 Fundamentals of Kinesiology and Biomechanics in Sports	50	60 Min.
	TERM -2	Full Course	100 (70+30)	180 Min.
PSYCHOLOGY	UT-1	Ch-1: What is Psychology Ch-2: Methods of Enquiry in psychology Ch-5: Learning	50	60 Min
	TERM-1	Ch-3: Human development Ch-4: Sensory, Attentional And Perceptual Processes Ch-5: Learning Ch-6: Human Memory	70	180 Min

UT-2	Ch-7: Thinking Ch-8: Motivation And Emotion	50	60 Min
TERM-2	Complete Syllabus	70	180 Min

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