



SYLLABUS 2023-24

CLASS - XI Science

SUBJECT	NAME OF EXAM	COURSE CONTENT	MM.	TIME
PHYSICS	UT -1	Chapter -1 Physical world Chapter -2 Unit & measurement Chapter -4 Motion in a plane	50	90 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	90 min.
	TERM -2	Complete course	100 (70Th.+ 30Pr.)	3 hrs.
Chemistry	UT -1	1. Some basic concept of chemistry 2. Atomic structure	50	90 min.
	TERM-1	UT -1 and UT 3 periodic classification of elements UT 4 Chemical Bonding and structures	100 (70+30.)	3 hrs.
	UT-2	UT 6 Thermodynamics UT 7 Equilibrium UT 8 Redox reactions	50	90min.
	TERM -2	Complete course	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 Ch-6 Anatomy of Flowering Plants	50	90 Min
	TERM-1	Syllabus up to UT-1 and Ch-7 Structural Organization in Animals. Ch-8 Cell: The Unit of Life Ch-9 Biomolecules Ch-17 Breathing and Exchange of Gases Ch-18 Body Fluid and Circulation	100 (70Th.+ 30Pr.)	180Min

	UT-2	Ch-10 Cell Cycle and Cell Division Ch-13 Photosynthesis in Plants Ch-14 Respiration in Higher Plants Ch- 15 Plant Growth and Development Ch-19 Excretory Products and their Elimination Ch-22 Chemical Control and Coordination	50	90 Min
	TERM -2	Revision : Note: Entire syllabus covered during the session will be included in Term-II and Practical (30marks).	100 (70Th.+ 30Pr.)	180 Min
English	UT -1	Lit: Ch- The Portrait of a Lady Poem-A Photograph ,The Voice of the Rain The Summer of beautiful White horse, The Laburnum Top, The Address Writing): Notice, Classified Advertisements.	50 Marks	90min
	TERM-1	Lit: “We’re not afraid to Die...If we can all be together’, Discovering Tut: The Saga Continues , Childhood, Reading: Note Making (Grammar) : Gap filling Sentence reordering ,Integrated Grammar ,Writing-Posters ,debate Factual Description , All topics covered till Term –I	80+20 =100	180 min
	UT-2	Lit: The Adventure, Landscape of the soul, Mother’s Day, Writing –Debate writing (Grammar) : Reported Speech , Integrated Grammar,(Writing) : Speech	50	90 min
	TERM -2	Lit: The Tale of melon city, Birth Silk road (Grammar): Integrated Grammar. (Writing) : Speech. Revision : Entire syllabus covered during the session will be included in Term II.	80+20 =100	180 min
Mathematics	UT – 1	Ch. 1.Sets Ch. 2.Relations and Function Ch. 3.Trigonometric Function	50	90 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	90 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- The Computer System Ch -3 Brief overview of Python	50	90 Min.
	TERM-1	Course covered in UT-1 and Ch-4 Working with Lists & dictionaries	100 (70+30)	180 Min.
	UT-2	Ch-7 Database Concepts Ch-8 Introduction to SQL	50	90 Min.
	TERM -2	Complete Course	100 (70+30)	180 Min.
P.E.	UT -1	Chapter-1 Changing trends and career in physical education Chapter-2 Olympic value Education Chapter- 3 Yoga	50	90 Min.
	TERM-1	UT-1 Course + Chapter-4 Physical education and sports for CWSN Chapter-5 Physical fitness ,wellness Chapter-6 Test measurement and evaluation Chapter-7 Fundamental of anatomy and physiology in sports	100 (70+30)	180 Min.
	UT-2	Chapter-8 Fundamental of kinesiology and biomechanics in sports Chapter-9 Psychology and sports Chapter-10 Training and doping in sports	50	90 Min.
	TERM -2	Complete Course	100 (70+30)	180 Min.

Psychology	PT-1	Ch-1: What is Psychology Ch-2: Methods of Enquiry in psychology Ch-6: Learning	50	90 Min.
	TERM-1	Ch-1: What is Psychology Ch-2: Methods of Enquiry in psychology Ch-5: Sensory, Attentional And Perceptual Processes Ch-6: Learning	100 (70+30)	180 Min.
	PT-2	Ch-7: Human Memory Ch-8: Thinking Ch-9: Motivation And Emotion	50	90 Min.
	TERM-2	Complete Syllabus	100 (70+30)	180 Min.

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