

UNIVERSAL ACADEMY DEHRA DUN

SYLLABUS FOR EXAMINATION

CLASS XI A PCB (2024-25)

S.No	Subject	TERM	Syllabus
1.	CHEMISTRY	PT1	1. BASIC CONCEPT OF CHEMISTRY 2.STRUCTURE OF ATOM
		PT2	1.CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES 2.CHEMICAL BONDING AND MOLECULAR STRUCTURE 3. CHEMICAL THERMODYNAMICS 4. BASIC CONCEPT OF CHEMISTRY 5. STRUCTURE OF ATOM
		PT3	1. EQUILIBRIUM 2. REDOX REACTION
		PT4	1.CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES 2.CHEMICAL BONDING AND MOLECULAR STRUCTURE 3. CHEMICAL THERMODYNAMICS 4. BASIC CONCEPT OF CHEMISTRY 5. STRUCTURE OF ATOM 6.EQUILIBRIUM 7. REDOX REACTIONS 8. ORGANIC CHEMISTRY: SOME BASIC CONCEPTS AND TECHNIQUES 9. HYDROCARBON
2	PHYSICS	PT1	Ch3 Motion in a line. Ch4 Motion in a plane
		PT2	Ch2 Units and measurement Ch5 Laws of motion Ch6 work, energy and power Ch7 Rotational motion Ch8 gravitation
		PT3	Ch9 Mechanical properties of solids Ch10 Mechanical properties of fluids Ch11 Thermal properties of matter
		PT4	Ch4 to Ch15 and Electromagnetic wave from Class 12
3	BIOLOGY	PT1	Ch1 The living world Ch- 2 Biological classification Ch- 3 Plant Kingdom Ch-4 Animal Kingdom

		PT2	Ch- 5 Morphology of flowering plants 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 Ch- 11 Transport in plants
		PT3	Ch-12 Mineral Nutrition Ch-13 Photosynthesis in higher plants

			Ch – 14 Respiration in plants Ch- 15 Plant growth and development Ch- 16 Digestion and absorption Ch- 17 Breathing and exchange of gases
		PT4	Ch- 8 Cell- The unit of life Ch – 10 Cell cycle and cell division Ch-13 Photosynthesis in higher plants Ch – 14 Respiration in plants Ch- 15 Plant growth and development Ch- 18 Body fluids and circulation Ch- 19 Excretory products and their elimination Ch- 20 Locomotion and movement Ch- 21 Neural control and coordination Ch- 22 Chemical coordination and integration
4.	ENGLISH	PT1	READING: Comprehension WRITING: Poster,Notice,Article, Letter to Editor GRAMMAR: fill up using tenses and clauses,Reordering of sentences LITERATURE: The Portrait of lady,The Photograph, We're not afraid to die----together, The Summer of----Horse, The Laburnum top()
		PT2	READING: Comprehension,Note making WRITING: Advertisement, Speech,Poster,Letter Writing GRAMMAR: fill up using tenses and clauses,Reordering of sentences LITERATURE: Discovering Tut ,The Address, Mother's day, Voice of rain , Childhood

		PT3	READING: Comprehension WRITING: Speech ,Debate,Poster GRAMMAR: Fill ups using tenses and clause LITERATURE: The Adventure, Father to son, Birth, The Tale of Melon City
		PT4	READING: Comprehension, Note Making WRITING: Advertisement, Poster,Speech,Debate, Letter Writing GRAMMAR: fill up using tenses/clause LITERATURE: Silk road,Birth, The Voice of Rain,My Mother at 66 , The Last Lesson,The Address
5	IP	PT1	Ch1 Computer SystemCh2: Computer Memory Ch 3: Software Ch4: Getting Started with Python
		PT2	PT1 +Ch 5 Basics of Python Programming Ch 6: Data types and Debugging Ch 7: Control Statements Ch 8: List
		PT3	Ch 9 Dictionary Ch10Data handling ch11 DBMS
		PT4	Pt 1 + Pt 2 + pt3 + Ch 12 SQL + Ch 13 emerging technology + Ch 14 NumPy Array (class 12)
6	PE	PT1	Unit I: Changing Trends & Career in Physical Education Unit – II: Olympic Value Education
		PT2	Unit I: Changing Trends & Career in Physical Education Unit – II: Olympic Value Education Unit – III: Physical Fitness, Wellness & Lifestyle Unit – IV: Physical Education & Sports for CWSN (Children With Special Needs- Divyang) Unit – V: Yoga
		PT3	Unit – VI: Physical Activity & Leadership Training Unit – VII: Test, Measurement & Evaluation
		PT4	PT1 + PT2 + PT3
7	PSYCHOLOGY	PT1	Ch 1 : What is Psychology Ch 2 Methods of Enquiry in Psychology
		PT2	Ch 1 : What is Psychology Ch 2 Methods of Enquiry in Psychology Ch 4 Human Development Ch 5 Sensory , attention and perception Ch 6 Learning

		PT3	Ch 1 : What is Psychology Ch 2 Methods of Enquiry in Psychology Ch 4 Human Development Ch 5 Sensory, Attention and perception Ch 6 Learning Ch 7 Memory Ch 8 Thinking Ch 9 Motivation and emotion Ch 1 Psychological Disorder (Class 12)
		PT4	Whole Syllabus