

# UNIVERSAL ACADEMY DEHRA DUN

## SYLLABUS FOR EXAMINATION

### CLASS XI A PCB (2023-24)

S.No	Subject	TERM	Syllabus
1.	CHEMISTRY	PT1	1. Basic Concept Of Chemistry 2. Structure Of Atom  Examination Duration: 1 Hour Maximum Mark : 30
		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.  Examination Duration: 3 Hour Maximum Mark : 70
		PT3	1. Equilibrium 2. Redox Reaction  Examination Duration: 1 Hour Maximum Mark : 30
		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  Examination Duration: 3 Hour Maximum Mark : 70
2	PHYSICS	PT1	Ch3 Motion In A Line. Ch4 Motion In A Plane.  Examination Duration: 1 Hour Maximum Mark : 30
		PT2	Ch2 Units And Measurement

			<p>Ch5 Laws Of Motion  Ch6 Work, Energy And Power  Ch7 Rotational Motion  Ch8 Gravitation.</p> <p>Examination Duration: 3 Hour  Maximum Mark : 70</p>
		PT3	<p>Ch9 Mechanical Properties Of Solids  Ch10 Mechanical Properties Of Fluids  Ch11 Thermal Properties Of Matter.</p> <p>Examination Duration: 1 Hour  Maximum Mark : 30</p>
		PT4	<p>Ch4 To Ch15 And Electromagnetic Wave From Class 12.</p> <p>Examination Duration: 3 Hour  Maximum Mark : 70</p>
3	MATHS	PT1	<p>Sets, Relations and function</p> <p>Examination Duration: 1 Hour  Maximum Mark : 30</p>
		PT2	<p>Sets, Relations and functions, trigonometric functions, complex numbers and Quadratic equations, Linear Inequalities, Permutation and Combinations, Binomial Theorem</p> <p>Examination Duration: 3 Hour  Maximum Mark : 80</p>
		PT3	<p>Sequence and Series, Straight lines, Conic Section.</p> <p>Examination Duration: 1 Hour  Maximum Mark : 30</p>
		PT4	<p>Sets, Relations and functions, trigonometric functions, complex numbers and Quadratic equations, Linear Inequalities, Permutation and Combinations, Binomial Theorem, Sequence and Series, Straight lines, Conic Sections, Introduction of three-dimensional Geometry,</p>

			Limits and Derivatives, Statistics, Probability, LPP(XII)  <div style="border: 1px solid black; padding: 5px; text-align: center;"> Examination Duration: 3 Hour  Maximum Mark : 80 </div>
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()  <div style="border: 1px solid black; padding: 5px; text-align: center;"> Examination Duration: 1 Hour  Maximum Mark : 30 </div>
		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.  <div style="border: 1px solid black; padding: 5px; text-align: center;"> Examination Duration: 3 Hour  Maximum Mark : 80 </div>
		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.  <div style="border: 1px solid black; padding: 5px; text-align: center;"> Examination Duration: 1 Hour  Maximum Mark : 30 </div>
		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.

			<p>Examination Duration: 3 Hour Maximum Mark : 80</p>
5	IP	PT1	<p>Ch1 Computer Systemch2: Computer Memory Ch 3: Software Ch4: Getting Started With Python.</p> <p>Examination Duration: 1 Hour Maximum Mark : 30</p>
		PT2	<p>PT1 +Ch 5 Basics Of Python Programming Ch 6: Data Types And Debugging Ch 7: Control Statements Ch 8: List</p> <p>Examination Duration: 3 Hour Maximum Mark : 70</p>
		PT3	<p>Ch 9 Dictionary Ch10 Data Handling Ch11 DBMS.</p> <p>Examination Duration: 1 Hour Maximum Mark : 30</p>
		PT4	<p>Pt 1 + Pt 2 + Pt3 + Ch 12 SQL + Ch 13 Emerging Technology + Ch 14 Numpy Array (Class 12).</p> <p>Examination Duration: 3 Hour Maximum Mark : 70</p>
6	PE	PT1	<p>Unit I: Changing Trends &amp; Career In Physical Education Unit – II: Olympic Value Education.</p> <p>Examination Duration: 1 Hour Maximum Mark : 30</p>
		PT2	<p>Unit I: Changing Trends &amp; Career In Physical Education Unit – II: Olympic Value Education Unit – III: Physical Fitness, Wellness &amp; Lifestyle Unit – IV: Physical Education &amp; Sports For CWSN (Children With Special Needs- Divyang) Unit – V: Yoga.</p>

			<p>Examination Duration: 3 Hour Maximum Mark : 70</p>
		PT3	<p>Unit – Vi: Physical Activity &amp; Leadership Training Unit – Vii: Test, Measurement &amp; Evaluation.</p> <p>Examination Duration: 1 Hour Maximum Mark : 30</p>
		PT4	<p>Whole Syllabus</p> <p>Examination Duration: 3 Hour Maximum Mark : 70</p>
7	PSYCHOLOGY	PT1	<p>Ch 1 : What Is Psychology Ch 2 Methods Of Enquiry In Psychology.</p> <p>Examination Duration: 1 Hour Maximum Mark : 30</p>
		PT2	<p>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.</p> <p>Examination Duration: 3 Hour Maximum Mark : 70</p>
		PT3	<p>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) .</p> <p>Examination Duration: 1 Hour Maximum Mark : 30</p>
		PT4	<p>Whole Syllabus</p>

			Examination Duration: 3 Hour Maximum Mark : 70	
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