

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE****SESSION: 2024–2025****MONTH-WISE BIFURCATED SYLLABUS****CLASS: XI****SUBJECT: PHYSICS**

<b>MONTH</b>	<b>CHAPTERS TO BE TAUGHT</b>	<b>ACTIVITY/ PROJECT WORK/ GRAPH/ MAPWORK/SEA etc.</b>
<b>April (24 Days)</b>	Chapter–2: Units and Measurements Chapter–3: Motion in a Straight Line	E1-To measure diameter of a small spherical/ cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.  E 2-To measure diameter of a given wire and thickness of a given sheet using screw gauge.  A1- To determine mass of a given body using a metre scale by principle of moments.
<b>May(08 Days)</b>	Chapter–4: Motion in a Plane	E 1-To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume. <b>(To be completed)</b>  E 2-To measure diameter of a given wire and thickness of a given sheet using screw gauge. <b>(To be completed)</b>  A1- To determine mass of a given body using a metre scale by principle of moments.
<b>June (15 Days)</b>	Chapter–4: Motion in a Plane(To be completed) Chapter–5: Laws of Motion	E 3-To determine radius of curvature of a given spherical surface by a spherometer.  E 4-To study the relationship between force of limiting friction and normal reaction and to find the co- efficient of friction between a block and a horizontal surface.  A2 -To study the conservation of energy of a ball rolling down on an inclined plane (using a double inclined plane).
<b>July (25 Days)</b>	Chapter–5: Laws of Motion(To be completed) Chapter–6: Work, Energy and Power Chapter–7: System of Particles and Rotational Motion	E 3-To determine radius of curvature of a given spherical surface by a spherometer. <b>(To be completed)</b>  E 4-To study the relationship between force

		of limiting friction and normal reaction and to find the co-efficient of friction between a block and a horizontal surface. <b>(To be completed)</b>  A2 - To study the conservation of energy of a ball rolling down on an inclined plane (using a double inclined plane).
<b>August (24 Days)</b>	Chapter-7: System of Particles and Rotational Motion(To be completed) Chapter-8: Gravitation	A 3-To measure the force of limiting friction for rolling of a roller on a horizontal plane.
<b>MID TERM EXAMINATION (TENTATIVELY 3<sup>RD</sup> WEEK OF AUGUST)</b>		
<b>September (23 Days)</b>	Chapter-8: Gravitation(To be completed) Chapter-9: Mechanical Properties of Solids Chapter-10: Mechanical Properties of Fluids	E 5-To study the relationship between the temperature of a hot body and time by plotting a cooling curve.  E 6-To study the relation between frequency and length of a given wire under constant tension using sonometer.
<b>October (18 Days)</b>	Chapter-10: Mechanical Properties of Fluids(To be completed)  Chapter-11: Thermal Properties of Matter	E 7-To find the speed of sound in air at room temperature using a resonance tube by two resonance positions.  E 8-To study the relation between the length of a given wire and tension for constant frequency using sonometer.
<b>November (21 Days)</b>	Chapter-12: Thermodynamics Chapter-13: Kinetic Theory	A 4-To study the effect of detergent on surface tension of water by observing capillary rise.  A 5-To study the effect of load on depression of a suitably clamped metre scale loaded at (i) its end (ii) in the middle.
<b>December (19 Days)</b>	Chapter-14: Oscillations Chapter-15: Waves	A 6-To observe the decrease in pressure with increase in velocity of a fluid.
<b>January (25 Days)</b>	MOCK EXAM	

NOTE –

- COMPLETION OF SYLLABUS FOR GRADE X & XII – 09.11.2024
- COMPLETION OF SYLLABUS FOR GRADE VIII, IX & XI – 24.12.2024
- FIRST PRE-BOARD (X & XII) – TENTATIVELY IN THE LAST WEEK OF NOVEMBER.
- SECOND PRE-BOARD (X & XII) - TENTATIVELY IN THE SECOND WEEK OF DECEMBER.
- MOCK TEST FOR GRADE VIII, IX & XI – TENTATIVELY IN THE FIRST WEEK OF JANUARY.

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE****SESSION: 2024–2025****MONTH-WISE BIFURCATED SYLLABUS****CLASS: XI****SUBJECT : ACCOUNTANCY**

<b>MONTH</b>	<b>CHAPTERS TO BE TAUGHT</b>	<b>ACTIVITY/ PROJECT WORK/ GRAPH/ MAPWORK/SEA etc.</b>
<b>April (24 Days)</b>	Unit-1: Theoretical Frame Work • Introduction to Accounting • Theory Base of Accounting	--
<b>May(08 Days)</b>	Unit-2: Accounting Process • Recording of Business Transactions	--
<b>June (15 Days)</b>	Unit-2: Accounting Process • Recording of Business Transactions	PROJECT: Comprehensive project of any sole proprietorship business. <b>JOURNAL ENTRIES</b>
<b>July (25 Days)</b>	Unit-2: Accounting Process • Recording of Business Transactions	--
<b>August (24 Days)</b>	Unit-2: Accounting Process • Bank Reconciliation Statement • Depreciation	PROJECT: Comprehensive project of any sole proprietorship business. <b>LEDGER POSTING</b>
<b>MID TERM EXAMINATION (TENTATIVELY 3<sup>RD</sup> WEEK OF AUGUST)</b>		
<b>September (23 Days)</b>	Unit-2: Accounting Process • Provisions and Reserves • Trial balance and Rectification of Errors	--
<b>October (18 Days)</b>	Unit-2: Accounting Process • Trial balance and Rectification of Errors	--
<b>November (21 Days)</b>	Unit-3: Financial Statements of Sole Proprietorship • Financial Statements	PROJECT: Comprehensive project of any sole proprietorship business. <b>FINANCIAL STATEMENT</b>
<b>December (19 Days)</b>	Incomplete Records & Revision	--
<b>January (25 Days)</b>	REVISION	--

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**D.A.V. INSTITUTIONS, WEST BENGAL ZONE****SESSION: 2024–2025****MONTH-WISE BIFURCATED SYLLABUS****CLASS: XI****SUBJECT: BANKING (811)**

<b>MONTH</b>	<b>CHAPTERS TO BE TAUGHT</b>	<b>ACTIVITY/ PROJECT WORK/ GRAPH/ MAPWORK/SEA etc.</b>
<b>April (24 Days)</b>	Introduction to banking & Basics functions of Banker	--
<b>May(08 Days)</b>	Introduction to banking & Basics functions of Banker Employability Skills: Communication Skills	--
<b>June (15 Days)</b>	Banker and Customer	--
<b>July (25 Days)</b>	Employability Skills: Self-Management Skills	--
<b>August (24 Days)</b>	Employability Skills: Self-Management Skills	Practical
<b>MID TERM EXAMINATION (TENTATIVELY 3<sup>RD</sup> WEEK OF AUGUST)</b>		
<b>September (23 Days)</b>	Employment of Bank Funds Employability Skills: Information and Communication Technology Skills	--
<b>October (18 Days)</b>	Employment of Bank Funds Employability Skills: Information and Communication Technology Skills	--
<b>November (21 Days)</b>	Laws Relating to Negotiable Instruments Employability Skills: Entrepreneurship Skills	Project File
<b>December (19 Days)</b>	Laws Relating to Negotiable Instruments Employability Skills: Green Skills	--
<b>January (25 Days)</b>	<b>REVISION</b>	--

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**D.A.V. INSTITUTIONS, WEST BENGAL ZONE****SESSION: 2024–2025****MONTH-WISE BIFURCATED SYLLABUS****CLASS: XI****SUBJECT : BIOLOGY**

<b>MONTH</b>	<b>CHAPTERS TO BE TAUGHT</b>	<b>ACTIVITY/ PROJECT WORK/ GRAPH/ MAPWORK/SEA etc.</b>
<b>April (24 Days)</b>	Chapter 1 : The Living world Chapter 2: Biological Classification. Chapter 14: Breathing and Exchange of gases  Chapter-4: Animal Kingdom	1. Parts of a compound microscope. 2. Study of osmosis by potato osmometer. 3.Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, Liver fluke, Ascaris, leech, earthworm, prawn, silkworm, honey bee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.
<b>May(08 Days)</b>	Chapter 5 : Morphology of flowering plants Chapter 3 : Plant Kingdom	4. Study and describe locally available common flowering plants, from family Solanaceae (Poaceae, Asteraceae or Brassicaceae can be substituted in case of particular geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae and floral diagrams), type of root (tap and adventitious); type of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound). 5.Different types of inflorescence ( Cymose and racemose).  6. Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.
<b>HOLIDAY HOME WORK ( SUMMER BREAK ) : To prepare the project as per the guidelines .</b>		
<b>June (15 Days)</b>	Chapter-8: Cell-The Unit of Life Chapter 10 : Cell Cycle and Cell Division	7.Mitosis in onion root tip cells and animals cells (grasshopper) from permanent slides
<b>July (25 Days)</b>	Chapter 9: Bio-molecules Chapter 11 : Photosynthesis in higher plants. Chapter 15: Body fluids and Circulation	8.Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials 9.Study of plasmolysis in epidermal

		peels (e.g. Rhoeo/lily leaves or flashy scale leaves of onion bulb). 10. Separation of plant pigments through paper chromatography. 11. Study of distribution of stomata on the upper and lower surfaces of leaves.
<b>August (24 Days)</b>	Chapter 12: Respiration in plants. Chapter 17 : Locomotion and movement:	12. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves 13. Study of the rate of respiration in flower buds/leaf tissue and germinating seeds. 14. Human skeleton and different types of joints with the help of virtual images/models only.
<b>MID TERM EXAMINATION (TENTATIVELY 3<sup>RD</sup> WEEK OF AUGUST)</b>		
<b>Portion:</b> Chapter 1 : The Living world Chapter 2: Biological Classification. Chapter 3 : Plant Kingdom Chapter-4: Animal Kingdom Chapter 5 : Morphology of flowering plants Chapter-8: Cell-The Unit of Life Chapter 9: Bio-molecules Chapter 10 : Cell Cycle and Cell Division Chapter 11 : Photosynthesis in higher plants. Chapter 12: Respiration in plants. Chapter 14: Breathing and Exchange of gases Chapter 15: Body fluids and Circulation		
<b>September (23 Days)</b>	Chapter 6: Anatomy of flowering plants. Chapter 16 : Excretory products and their Elimination	15. Preparation and study of T.S. of dicot and monocot roots and stems (primary). 16. Test for presence of urea in urine.
<b>October (18 Days)</b>	Chapter 16 : Excretory products and their Elimination(Contd...) Chapter 13 : Plant growth and development	17 Test for presence of sugar in urine. 18. Test for presence of albumin in urine. 19. Test for presence of bile salts in urine
<b>November (21 Days)</b>	Chapter 18: Neural control and coordination: Chapter 19 : Chemical coordination and Integration	----
<b>December (19 Days)</b>	Chapter 7: Structural organization in Animals ( Frog)	----
<b>January (25 Days)</b>	REVISION	-----

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE****SESSION: 2024–2025****MONTH-WISE BIFURCATED SYLLABUS****CLASS: XI****SUBJECT : BUSINESS STUDIES**

<b>MONTH</b>	<b>CHAPTERS TO BE TAUGHT</b>	<b>ACTIVITY/ PROJECT WORK/ GRAPH/ MAPWORK/SEA etc.</b>
<b>April (24 Days)</b>	Unit-1 Nature and Purpose of Business	--
<b>May(08 Days)</b>	Unit-2 Forms of Business Organisations	--
<b>June (15 Days)</b>	Unit-3 Public, Private and Global Enterprises	--
<b>July (25 Days)</b>	Unit-4 Business Services	--
<b>August (24 Days)</b>	Unit-5 Emerging Modes of Business	Project Work- Business Services
<b>MID TERM EXAMINATION (TENTATIVELY 3<sup>RD</sup> WEEK OF AUGUST)</b>		
<b>September (23 Days)</b>	Unit-6 Social Responsibility of Business and Business Ethics	--
	Unit-7 Sources of Business Finance	
<b>October (18 Days)</b>	Unit-7 Sources of Business Finance	--
	Unit-8 Small Business	
<b>November (21 Days)</b>	Unit-8 Small Business	--
	Unit-9 Internal Trade	
<b>December (19 Days)</b>	Unit-10 International Business	Project Work- Business Services
<b>January (25 Days)</b>	REVISION	--

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**D.A.V. INSTITUTIONS, WEST BENGAL ZONE****SESSION: 2024–2025****MONTH-WISE BIFURCATED SYLLABUS****CLASS: XI****SUBJECT : CHEMISTRY**

<b>MONTH</b>	<b>CHAPTERS TO BE TAUGHT</b>	<b>PRACTICALS</b>
<b>April (24 Days)</b>	Unit1: Some Basic Concepts of Chemistry Unit 2: Structure of Atom ( Contd.)	Content Based Experiments
<b>May(08 Days)</b>	Unit 2: Structure of Atom( To be Completed)	Content Based Experiments(Contd.)
<b>June (15 Days)</b>	Unit 3: Classification of Elements and Periodicity in Properties	Volumetric Analysis(Contd.)
<b>July (25 Days)</b>	Unit 4: Chemical Bonding and Molecular Structure Unit 8: Organic Chemistry: Some Basic Principles and Techniques (Contd.)	Volumetric Analysis Salt Analysis(Contd.)
<b>August (24 Days)</b>	Unit 8: Organic Chemistry: Some Basic Principles and Techniques( To be Completed) Revision for Mid Term Examination	Salt Analysis (Contd.)
<b>MID TERM EXAMINATION (TENTATIVELY 3<sup>RD</sup> WEEK OF AUGUST)</b>		
<b>September (23 Days)</b>	Unit 5: Chemical Thermodynamics	Salt Analysis (Contd.)
<b>October (18 Days)</b>	Unit 7: Redox Reactions	Salt Analysis
<b>November (21 Days)</b>	Unit 6: Equilibrium	Investigatory Project
<b>December (19 Days)</b>	Unit 9:Hydrocarbons	Revision
<b>January (25 Days)</b>	Revision	Revision

NOTE –

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**D.A.V. INSTITUTIONS, WEST BENGAL ZONE****SESSION: 2024–2025****MONTH-WISE BIFURCATED SYLLABUS****CLASS: XI****SUBJECT: COMPUTER SCIENCE**

<b>MONTH</b>	<b>CHAPTERS TO BE TAUGHT</b>	<b>PRACTICAL</b>
<b>April (24 Days)</b>	<b>Unit I: Computer Systems and Organisation:</b> Basic Computer Organization, Types of software, Operating system (OS) Number system, Encoding schemes: ASCII, ISCII, UNICODE (UTF-8, UTF-32). <b>Unit II: Computational Thinking and Programming – 1:</b> Introduction to problem solving, Familiarization with the basics of Python programming.	Practical to use Python idle.
<b>May(08 Days)</b>	<b>Unit II: Computational Thinking and Programming – 1:</b> Knowledge of data types, Operators Expressions, statement, type conversion & input/output.	Practical: Programs on Python by using Operators.
<b>June (15 Days)</b>	<b>Unit II: Computational Thinking and Programming – 1:</b> Errors, Flow of control, Conditional statements, Iterative statements	Practical: Programs on Python by using Operators, if else and Loops.
<b>July (25 Days)</b>	<b>Unit II: Computational Thinking and Programming – 1:</b> Iterative statements (Continue), <b>Unit I: Computer Systems and organization:</b> Boolean logic,	Practical: Programs on Python by using Operators, if else and Loops
<b>August (24 Days)</b>	<b>Unit II: Computational Thinking and Programming – 1</b> Strings in Pythons. <b>Revision for Mid term Examination</b>	Practical: Programs on Python by using Operators, if else and Loops and Strings
<b>MID TERM EXAMINATION (TENTATIVELY 3<sup>RD</sup> WEEK OF AUGUST)</b>		
<b>September (23 Days)</b>	List in Python Tuples in Python	Practical: Programs on Python using List and Tuple
<b>October (18 Days)</b>	Dictionary in Python	Practical: Programs on Python using Tuple and Dictionary and Python Modules.
<b>November (21 Days)</b>	Python modules	Practical on Python Modules

<b>December (19 Days)</b>	<b>Unit III: Society, Law and Ethics:</b> Digital Footprints, Digital Society and Netizen, Data Protection, Cyber Crime and Safety, Safely accessing a website, E-Waste Management, IT Act, Technology and Society. <b>REVISION for Mock Test.</b>	Practical Revision on all topics on Python covered.
<b>January (25 Days)</b>	<b>REVISION</b>	<b>REVISION</b>

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE****SESSION: 2024–2025****MONTH-WISE BIFURCATED SYLLABUS****CLASS:XI****SUBJECT ECONOMICS**

<b>MONTH</b>	<b>CHAPTERS TO BE TAUGHT</b>	<b>ACTIVITY/ PROJECT WORK/ GRAPH/ MAPWORK/SEA etc.</b>
<b>April (24 Days)</b>	<ul style="list-style-type: none"> <li>● Basic concepts (Micro)</li> <li>● Basic concepts (Statistics)</li> <li>● Consumer's equilibrium (utility analysis)</li> </ul>	Use of mind map and concept map to summarise the basic concept of Micro
<b>May(08 Days)</b>	<ul style="list-style-type: none"> <li>● Collection of data and organization of data.</li> <li>● Consumer's equilibrium (Indifference curve analysis)-Introduction</li> </ul>	<b>Questionnaire Preparation and</b>  <b>Data collection on Project topic</b> <b>Role Play on methods of collection of data</b>
<b>June (15 Days)</b>	<ul style="list-style-type: none"> <li>● Consumer's equilibrium (Indifference curve analysis)</li> <li>● Presentation of data.</li> </ul>	Class board decoration using current data through graphical and digramatic representation.
<b>July (25 Days)</b>	<ul style="list-style-type: none"> <li>● Theory of demand and elasticity of demand.</li> <li>● Presentation of data. (To complete)</li> <li>● Measures of central tendency. (Mean and Median)</li> </ul>	Class presentation on factors affecting elasticity of demand.
<b>August (24 Days)</b>	<ul style="list-style-type: none"> <li>● Production function, return to a factor.</li> <li>● Cost</li> <li>● Measures of central tendency. (MODE)</li> </ul> <p>*Exhaustive Numerical practices on Mean, Median and Mode.</p>	<b>Primary/ Brief Synopsis of Project</b>  <b>And Viva</b>
<b>MID TERM EXAMINATION (TENTATIVELY 3<sup>RD</sup> WEEK OF AUGUST)</b>		
<b>September (23 Days)</b>	<ul style="list-style-type: none"> <li>● Revenue.</li> <li>● Producer's Equilibrium</li> <li>● Correlation (to start)</li> </ul> <b>Revision for Half yearly</b>	
<b>October (18 Days)</b>	<ul style="list-style-type: none"> <li>● Theory of supply, its determinants, Law of supply</li> <li>● Correlation (to complete)</li> </ul>	Role Play on Factors affecting law of supply.
<b>November (21 Days)</b>	<ul style="list-style-type: none"> <li>● Elasticity of Supply</li> <li>● Perfectly competitive market (Meaning and features).</li> </ul>	Class presentation on features of Perfect Competition and it's implications.

	Index number.(to start)	
<b>December (19 Days)</b>	<ul style="list-style-type: none"> <li>● Price determination under perfect competition, price ceiling and price floor.</li> <li>● Index number (to Complete)</li> </ul>	<b>Complete Project presentation and Viva</b>
<b>January (25 Days)</b>	<b>Revision</b>	

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DAV INSTITUTIONS, WEST BENGAL ZONE

SESSION: 2024–2025

MONTH-WISE BIFURCATED SYLLABUS

CLASS: XI

SUBJECT- ENGLISH

MONTH	CHAPTERS TO BE TAUGHT	PROJECT WORK/ PRACTICAL WORK
<p><b>April 2024</b> (24 Days)</p>	<p><b>READING COMPREHENSION:</b> Factual Passages</p> <p><b>GRAMMAR:</b> Tenses</p> <p><b>CREATIVE WRITING SKILLS:</b> Short writing task – Poster (50 words)</p> <p><b>LITERATURE:</b> <b>HORNBILL</b> The Portrait of a Lady (Prose) A Photograph (Poem)</p> <p><b>SNAPSHOTS:</b> The Summer of the Beautiful White Horse (Prose)</p>	<p><b>Words Ladder</b> based on the topics taught in the month.</p> <p>For reference use the link: <a href="https://www.youtube.com/watch?v=zQ304GM5Xq8">https://www.youtube.com/watch?v=zQ304GM5Xq8</a></p>
<p><b>May 2024</b> (8 Days)</p>	<p><b>READING COMPREHENSION:</b> Factual &amp; Discursive Passages</p> <p><b>GRAMMAR:</b> Clauses (practice through interactive assignments)</p> <p><b>SNAPSHOTS:</b> The Address (Prose)</p>	<p>Students can be encouraged to prepare a PPT on the chapter ‘The Address’ <b>OR</b> An Infographic on the Nazi Holocaust <i>Refer to the image for better understanding:</i></p> <div data-bbox="1084 1268 1511 1780" data-label="Image"> <p><b>What is an Infographic?</b></p> <p><b>BIG PICTURE</b> Present information.</p> <p><b>SUMMARY</b> Report facts.</p> <p><b>EXPLORE</b> Investigate a topic.</p> <p><b>IMAGES SUMMARIZE FACTS</b></p> <p>Simple icons represent data. <b>90% IMAGES</b></p> <p>Graphs and diagrams illustrate information.</p> <p>Maps pinpoint location.</p> <p><b>WHY USE IT?</b></p> <p>Attract attention.</p> <p>Engage viewer to think.</p> <p>Makes information clear.</p> <p>Quick way to share facts.</p> <p><b>DID YOU KNOW THAT...</b></p> <p>Facts are organized in chunks.</p> <p>ABC Text is used for labels or short descriptions.</p> <p>Numbers emphasize important facts.</p> <p>Images are icons, not photos.</p> </div>

- Teachers may suggest these activities as Holiday Homework also.

<p><b>June 2024</b> <b>(15 Days)</b></p>	<p><b>READING COMPREHENSION:</b> <i>Case-based passage with verbal/ visual inputs like statistical data, charts etc.</i></p> <p><b>GRAMMAR:</b> Tenses &amp; Clauses (<i>practice</i>)</p> <p><b>CREATIVE WRITING SKILLS:</b> Speech Writing (120 -150 words) <i>based on verbal / visual cues related to some contemporary / age-appropriate topic &amp; Practice of Poster (50 words).</i></p> <p><b>LITERATURE:</b> <b>HORNBILL</b> We're Not Afraid to Die...if We Can All be Together (Prose) The Laburnum Top (Poem)</p> <p><b>SNAPSHOTS:</b> The Address (Prose) (Recap)</p>	<p>Share a motivational video on the theme- '<b>I Can Do This</b>'</p>
<p><b>July 2024</b> <b>25 Days</b></p>	<p><b>READING COMPREHENSION:</b> Note Making and Summarization based on a passage. (200-250 words)</p> <p><b>GRAMMAR:</b> <i>Practice assignments on Re-ordering / Transformation of Sentences</i></p> <p><b>CREATIVE WRITING SKILLS:</b> Classified Advertisement: Situation Vacant &amp; Situation Wanted For Sale &amp; Purchase</p> <p><b>LITERATURE:</b> <b>HORNBILL</b> We're Not Afraid to Die...if We Can All be Together (Prose) (<i>to be completed</i>) The Voice of the Rain (Poem) Discovering Tut: The Saga Continues (Prose)</p>	<p>Prepare a <b>Graphic Novel</b> on the topic- 'Discovering Tut: The Saga Continues'</p> <p><b>Movie Time:</b> Gravity, The Perfect Storm, A Beautiful Mind.</p>
<p><b>August 2024</b> <b>24 Days</b></p>	<p><b>READING COMPREHENSION:</b> Revision Assignments on (<i>Factual, Discursive &amp; Literary Passages and Note Making</i>)</p> <p><b>GRAMMAR:</b> <i>Practice assignments on Re-ordering / Transformation of Sentences (Tenses &amp; Clauses)</i></p>	<p>Spell Check / <b>Reading Challenge:</b> Share the gist of the novel the students have recently read.</p>

	<p><b>CREATIVE WRITING SKILLS:</b> Debate Writing (120 -150 words) <i>based on verbal / visual cues related to some contemporary / age-appropriate topic.</i></p> <p><b>LITERATURE:</b> <b>HORNBILL</b> Discovering Tut: The Saga Continues (Prose) <i>(to be completed)</i></p> <p><b>SNAPSHOTS: REVISION</b></p>	
<p align="center"><b>MID-TERM EXAMINATION (TENTATIVELY BY THE THIRD WEEK OF AUGUST)</b></p> <p><b>Syllabus:</b>  <b>Reading Skills:</b> Comprehension Passage &amp; Note Making  <b>Grammar:</b> Tenses &amp; Clauses and Re- Ordering of sentences  <b>Writing Skills:</b> Poster, Classified Advertisements, Speech &amp; Debate Writing  <b>Literature:</b>  <b>Hornbill: Prose:</b> The Portrait of a Lady, We're Not Afraid to Die.... if We Can All be Together,  Discovering Tut: The Saga Continues  <b>Poems:</b> A Photograph, The Laburnum Top, The Voice of the Rain  <b>Snapshots:</b> The Summer of the Beautiful White Horse, The Address</p>		
<p><b>September 2024</b> <b>(23 Days)</b></p>	<p><b>READING COMPREHENSION:</b> <i>Practice Assignments</i></p> <p><b>GRAMMAR:</b> <i>Practice assignments on Re-ordering / Transformation of Sentences (Tenses &amp; Clauses)</i></p> <p><b>CREATIVE WRITING SKILLS:</b></p> <ul style="list-style-type: none"> <li>• Debate writing (120-150 words) based on verbal/ visual cues related to some contemporary topical issues.</li> <li>• Classified Advertisement: To Let</li> </ul> <p><i>Revision of previous Writing Topics</i></p> <p><b>LITERATURE:</b> <b>HORNBILL</b> Childhood (Poem) The Adventure (Prose)</p> <p><b>SNAPSHOTS:</b> Mother's Day (Play)</p>	<p>Students can be encouraged to frame the memories of their childhood in the form of a <b>digital photo album</b> and will share it with the class as a presentation.</p> <p><b>(Focus Topic: Childhood)</b></p>
<p><b>October 2024</b> <b>(18 Days)</b></p>	<p><b>READING COMPREHENSION:</b> <i>Practice Assignments</i></p> <p><b>GRAMMAR:</b> <i>Practice assignments on Re-ordering / Transformation of Sentences (Tenses &amp; Clauses)</i></p>	<p>Students can be encouraged to prepare a <b>Travel Vlog</b> of the place(s) they will be visiting during the Durga Puja Vacation.</p> <p align="center"><b>OR</b></p>



	<p><b>CREATIVE WRITING SKILLS:</b> Poster Writing</p> <p><b>LITERATURE:</b> <b>HORNBILL</b> Silk Road (Prose)</p>	<p>Even a Vlog of the various pandals they will be visiting.</p> <p>After the vacation the same can be shared during the class with the students.</p>
<p><b>November 2024</b> <b>(21 Days)</b></p>	<p><b>READING COMPREHENSION:</b></p> <p><b>GRAMMAR:</b> <i>Practice assignments on Re-ordering / Transformation of Sentences (Tenses &amp; Clauses)</i></p> <p><b>CREATIVE WRITING SKILLS:</b> Revision</p> <p><b>LITERATURE:</b> <b>HORNBILL</b> Father to Son (Poem)</p> <p><b>SNAPSHOTS:</b> Birth (Prose)</p>	<p><b>Debate</b> on topics related to 'Generation Gap' / The Rule Makers are the Rule Breakers.</p>
<p><b>December 2024</b> <b>(19 Days)</b></p>	<p><b>READING COMPREHENSION:</b> Revision</p> <p><b>GRAMMAR:</b> Revision</p> <p><b>CREATIVE WRITING SKILLS:</b> Revision</p> <p><b>LITERATURE:</b> <b>HORNBILL:</b> Revision</p> <p><b>SNAPSHOTS:</b> The Tale of Melon City (Poem)</p>	<p><b>Moot Court</b> on The Tale of Melon City</p> <p><b>Panel Discussion:</b> Teenage Tantrums</p>
<p><b>January 2025</b> <b>(25 Days)</b></p>	<p><b>READING COMPREHENSION:</b> Revision</p> <p><b>GRAMMAR:</b> Revision</p> <p><b>CREATIVE WRITING SKILLS:</b> Revision</p> <p><b>LITERATURE:</b> <b>HORNBILL &amp; SNAPSHOTS:</b> Revision</p>	

**NOTE –**

- COMPLETION OF SYLLABUS FOR GRADE VIII, IX & XI – 24.12.2024
- MOCK TEST FOR GRADE VIII, IX & XI – TENTATIVELY IN THE FIRST WEEK OF JANUARY.

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE****SESSION: 2024–2025****MONTH-WISE BIFURCATED SYLLABUS****CLASS: XI****SUBJECT: MATHEMATICS (041).**

MONTH	CHAPTERS TO BE TAUGHT	ACTIVITY/ PROJECT WORK/ GRAPH/ MAPWORK/SEA etc.
<b>April (24 Days)</b>	Set Theory Relations and Functions Trigonometric Functions	1) To find the number of subsets of a given set and verify that if a set has $n$ number of elements, then the total number of subsets is $2^n$ .  2) To distinguish between a Relation and a Function
<b>May(08 Days)</b>	Trigonometric Functions (Contd.)	
<b>June (15 Days)</b>	Limits and Derivatives	3) To plot the graphs of $\sin x, \sin 2x, 2\sin x$ and $\sin \frac{x}{2}$ , using same coordinate axes.
<b>July (25 Days)</b>	Linear Inequalities  Complex Numbers and Quadratic Equations  Straight Lines	4) To find analytically $\lim_{x \rightarrow c} f(x) = \frac{x^2 - c^2}{x - c}$
<b>August (24 Days)</b>	Straight Lines (contd.)  Permutations and Combinations	5) To interpret geometrically the meaning of $i = \sqrt{-1}$ and its integral powers.
<b>MID TERM EXAMINATION (TENTATIVELY 3<sup>RD</sup> WEEK OF AUGUST)</b>		
<b>September (23 Days)</b>	Binomial Theorem  Sequence and Series	6) To construct a Pascal's Triangle and to write binomial expansion for a given positive integral exponent. 7) To demonstrate that the Arithmetic mean of two different positive numbers is always greater

		than the Geometric mean.
<b>October (18 Days)</b>	Conic Sections	7) To construct a parabola. 8) To construct an ellipse using a rectangle.
<b>November (21 Days)</b>	Introduction to Three-dimensional Geometry Statistics	9) To explain the concept of octants by three mutually perpendicular planes in space.
<b>December (19 Days)</b>	Probability	10) To write the sample space, when a coin is tossed once, two times, three times.
<b>January (25 Days)</b>	REVISIONS WORK	

NOTE –

- COMPLETION OF SYLLABUS FOR GRADE X & XII – 09.11.2024
- COMPLETION OF SYLLABUS FOR GRADE VIII, IX& XI – 24.12.2024
- FIRST PRE-BOARD (X & XII) – TENTATIVELY IN THE LAST WEEK OF NOVEMBER.
- SECOND PRE-BOARD (X & XII) - TENTATIVELY IN THE SECOND WEEK OF DECEMBER.
- MOCK TEST FOR GRADE VIII, IX & XI – TENTATIVELY IN THE FIRST WEEK OF JANUARY.

# D.A.V. INSTITUTIONS, WEST BENGAL ZONE

SESSION: 2024-2025

## MONTH-WISE BIFURCATED SYLLABUS

CLASS: XI

SUBJECT: PHYSICAL EDUCATION (048)

MONTH	CHAPTERS TO BE TAUGHT	PRACTICAL WORK
April (24 Days)	Unit I- Changing Trends & Career in Physical Education	Fitness tests administration. (SAI Khelo India Test)
May (08 Days)	Unit II- Olympic Value Education	
<b>HOLIDAY HOME WORK (SUMMER BREAK) : - Fitness tests administration. (SAI Khelo India Test)</b>		
June (15 Days)	Unit III- Yoga Unit IV- Physical Education & Sports for CWSN	Project related to Asanas, Pranayama & yogic kriyas (Any Three)
July (25 Days)	Unit V- Physical Fitness & Wellness Unit VI- Test, Measurements & Evaluation	
August (24 Days)	Unit VI- Test, Measurements & Evaluation (Remaining portion)  REVISION (UNIT-1 TO UNIT-5)	
<b>PORTION FOR MIDTERM EXAMINATION: (THIRD WEEK OF AUGUST)</b> Unit I Changing Trends & Career in Physical Education Unit II Olympic Value Education Unit III Yoga Unit IV Physical Education & Sports for CWSN Unit V Physical Fitness, Wellness & Lifestyle		
September (23 Days)	Unit VII- Fundamentals of Anatomy and Physiology in Sports	Anyone one IOA recognized Sport/Game of choice. Labelled diagram of Field & Equipment. Also mention its Rules, Terminologies & Skills.
October (18 Days)	Unit VIII- Fundamentals of Kinesiology & Biomechanics in Sports	
November (21 Days)	Unit IX- Psychology and Sports	
December (19 Days)	Unit X- Training & Doping in Sports	
January (25 Days)	Revision (UNIT-1 TO UNIT-10)	

### NOTE :-

COMPLETION OF SYLLABUS FOR GRADE X & XII – 09.11.2024

COMPLETION OF SYLLABUS FOR GRADE VIII, IX & XI – 24.12.2024

FIRST PRE-BOARD (X & XII) – TENTATIVELY IN THE LAST WEEK OF NOVEMBER.

SECOND PRE-BOARD (X & XII) - TENTATIVELY IN THE SECOND WEEK OF DECEMBER.

MOCK TEST FOR GRADE VIII, IX & XI – TENTATIVELY IN THE FIRST WEEK OF JANUARY.