

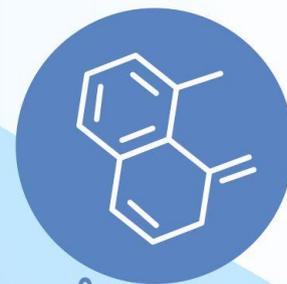
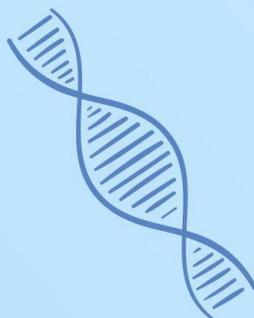
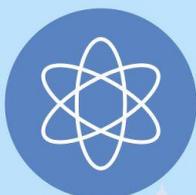
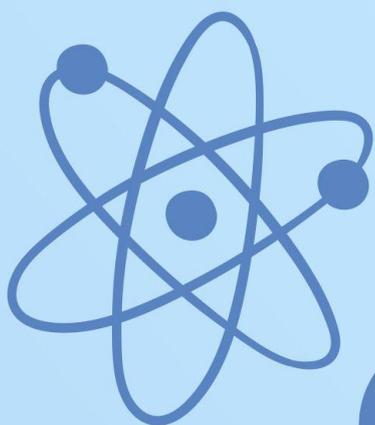


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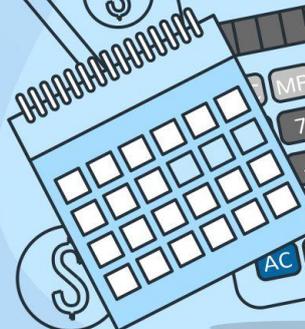


GRADE - XII

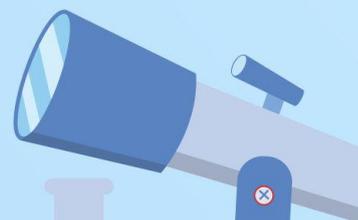
ANNUAL  
SYLLABI  
2026-27



$$E=MC^2$$



TAX



P.O. Box 50376, Jeddah 21523, Kingdom of Saudi Arabia

Ph : 966 12 675 4400 - Website: [www.dpsjeddah.com](http://www.dpsjeddah.com) - email: [office@dpsjeddah.com](mailto:office@dpsjeddah.com)

## ENGLISH

MONTH	TOPICS TO BE COMPLETED	Activities
<b>APRIL</b>	<p><b><u>Flamingo:</u></b>                      1. The Last Lesson                      2. Lost Spring                      3. Deep Water</p> <p><b><u>Poem</u></b>                      1. My Mother at Sixty-six</p> <p><b><u>Advanced Writing Skills:</u></b>                      Job application &amp; CV,                      Letter of Complaint,                      Article writing,                      Notice writing,</p>	ASL
<b>MAY</b>	<p><b><u>Flamingo:</u></b>                      4. The Rat trap</p> <p><b><u>Vistas:</u></b>                      1. The Third Level</p> <p><b><u>Advanced Writing Skills:</u></b>                      Writing Formal &amp; Informal Invitations &amp;                      Replies                      Report writing,</p>	ASL
<b>JUNE</b>	<p><b><u>Flamingo:</u></b>                      5. Indigo</p> <p><b><u>Poem:</u></b>                      2. Keeping Quiet</p> <p><b><u>Vistas:</u></b>                      2. The Tiger king</p>	
<b>JULY / AUGUST</b>	<b>SUMMER VACATION</b>	
<b>AUGUST</b>	<p><b><u>Vistas:</u></b>                      3. Journey to the end of the World</p> <p><b><u>Advanced Writing Skills:</u></b>                      Official letters for making enquiries                      (asking for &amp; giving information),                      Registering complaints,</p>	
<b>SEPTEMBER</b>	<p><b><u>Vistas:</u></b>                      4. The Enemy</p> <p><b><u>Flamingo:</u></b></p>	ASL

	6. Poets and Pancakes 7. The Interview Part1 & 2 <b>Poem:</b> 3. A Thing of Beauty <b>Flamingo:</b> 8. Going Places <b>Vistas:</b> 5. On the Face of It	
<b>OCTOBER</b>	<b>Poems:</b> 4. A Roadside Stand 5. Aunt Jennifer's Tigers	
<b>NOVEMBER</b>	<b>Vistas:</b> 6. Memories of Childhood <b>Advanced Writing Skills:</b> <b>Business letters:</b> Placing Orders & Sending Replies	ASL-FINAL
<b>DECEMBER</b>	<b>Revision</b>	PROJECT SUBMISSION
<b>JANUARY-27</b>	<b>Pre Board Examination</b>	
<b>FEBRUARY-27</b>	-	

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# MATHEMATICS

MONTH	TOPICS TO BE COMPLETED
APRIL	Ch:3-Matrices Ch:4-Determinants
MAY	Ch:1-Relations and Functions Ch:2-Inverse Trigonometric Functions Ch:5-Continuity and Differentiability
JUNE	Ch:5-Continuity and Differentiability (To be continued..)
JULY / AUGUST	SUMMER VACATION
AUGUST	Ch:6-Application of Derivatives
SEPTEMBER	Ch:6-Application of Derivatives (To be continued.. ) Ch:7-Integrals Ch:8-Application of Integrals
OCTOBER	Ch:9-Differential Equations
NOVEMBER	Ch:10-Vector Algebra Ch:11-Three Dimensional Geometry Ch:12-Linear Programming Ch:13-Probability
DECEMBER	Revision
JANUARY-27	Pre Board Examination
FEBRUARY-27	-

## BIOLOGY

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
<b>APRIL</b>	<b>Ch. 1:</b> Sexual Reproduction in Flowering plants <b>Ch. 2:</b> Human Reproduction	<ul style="list-style-type: none"> <li>• Study of T.S. of Blastula, T.S. of Testis, and Ovary</li> <li>• Isolation of DNA</li> <li>• Flowers adapted to Pollination by different agencies (wind, insects, and birds).</li> <li>• Study of Pollen Germination on slide</li> </ul>
<b>MAY</b>	<b>Ch. 3:</b> Reproductive Health <b>Ch. 11:</b> Organisms and Populations	<ul style="list-style-type: none"> <li>• To study the Plant population density and Plant population frequency by quadrat method</li> </ul> <p><b>Investigatory Projects to be discussed and assigned</b></p>
<b>JUNE</b>	<b>Ch. 6:</b> Evolution	
<b>JULY / AUGUST</b>	<b>SUMMER VACATION</b>	
<b>AUGUST</b>	<b>Ch. 12:</b> Ecosystems	
<b>SEPTEMBER</b>	<b>Ch. 4:</b> Principles of Inheritance and Variation <b>Ch. 5:</b> Molecular basis of Inheritance	<ul style="list-style-type: none"> <li>• Models or specimens showing symbiotic association in root nodules of leguminous plants, Cuscuta on host, lichens</li> <li>• Homologous and Analogous organs through flash cards or models</li> <li>• Analysis of Pedigree charts of Widow's Peak, ear lobes, Color Blindness, Blood Groups and Rolling Tongue</li> </ul>
<b>OCTOBER</b>	<b>Ch. 7:</b> Human Health and Diseases	
<b>NOVEMBER</b>	<b>Ch. 8:</b> Microbes in Human Welfare <b>Ch. 9:</b> Biotechnology: Principles and Processes	<ul style="list-style-type: none"> <li>• Preparation of Temporary mount of Onion root tips to study mitosis</li> </ul>

	<b>Ch. 10: Biotechnology and its Applications</b>	<ul style="list-style-type: none"> <li>• Meiosis in Onion bud cell or Grasshopper testis through permanent slides</li> <li>• Identification of Disease-causing Organisms and commenting on the disease they cause</li> </ul>
<b>DECEMBER</b>	<b>Ch. 13: Biodiversity and its Conservation</b>	
<b>JANUARY-27</b>	<b>Pre Board Examination</b>	
<b>FEBRUARY-27</b>	-	

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## PHYSICS

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
<b>APRIL</b>	<p><b>Chapter-1:</b> Electric Charges and Fields</p> <p><b>Chapter-2:</b> Electrostatic Potential and Capacitance</p> <p><b>Chapter-3:</b> Current Electricity</p>	<p style="text-align: center;"><b>Experiments:</b> <b>Section A (Any 4)</b></p> <ul style="list-style-type: none"> <li>• To determine resistivity of two / three wires by plotting a graph for potential difference versus current.</li> <li>• To find resistance of a given wire / standard resistor using metre bridge</li> </ul>
<b>MAY</b>	<p><b>Chapter-3:</b> Current Electricity (Concluded)</p> <p><b>Chapter-4:</b> Moving Charges and Magnetism</p> <p><b>Chapter-5:</b> Magnetism and Matter</p> <p><b>Chapter-6:</b> Electromagnetic Induction</p>	<ul style="list-style-type: none"> <li>• To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.</li> <li>• To verify the laws of combination (series) of resistances using a metre bridge.</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>• To verify the laws of combination (parallel) of resistances using a metre bridge.</li> </ul> <p style="text-align: center;"><b>Activities</b> <b>Section A (Any 3)</b></p> <ul style="list-style-type: none"> <li>• To measure resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter.</li> <li>• To assemble the components of a given electrical circuit.</li> <li>• To study the variation in potential drop with length of a wire for a steady current.</li> <li>• To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source</li> </ul>
<b>JUNE</b>	<b>Revision</b>	
<b>JULY / AUGUST</b>	<b>SUMMER VACATION</b>	

<b>AUGUST</b>	<b>Chapter-7:</b> Alternating Current (continued)	
<b>SEPTEMBER</b>	<b>Chapter-7:</b> Alternating Current (Concluded) <b>Chapter-8:</b> Electromagnetic Waves <b>Chapter-9:</b> Ray Optics and Optical Instruments <b>Chapter-10:</b> Wave Optics	<p style="text-align: center;"><b>Section B (Any 4)</b></p> <ul style="list-style-type: none"> <li>• To find the value of <math>v</math> for different values of <math>u</math> in case of a concave mirror and to find the focal length.</li> <li>• To find the focal length of a convex lens by plotting graphs between <math>u</math> and <math>v</math> or between <math>1/u</math> and <math>1/v</math>.</li> </ul>
<b>OCTOBER</b>	<b>Chapter-10:</b> Wave Optics (concluded) <b>Chapter-11:</b> Dual nature of matter and radiations	
<b>NOVEMBER</b>	<b>Chapter-11:</b> Dual nature of matter and radiations (concluded) <b>Chapter 12:</b> Atoms <b>Chapter-13:</b> Nuclei <b>Chapter-14:</b> Semiconductor Electronics: Materials, Devices and Simple Circuits	<ul style="list-style-type: none"> <li>• To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.</li> <li>• To find refractive index of a liquid by using convex lens and plane mirror.</li> <li>• To determine refractive index of a glass slab using a travelling microscope.</li> <li>• To draw the I-V characteristic curve for a p-n junction diode in forward bias and reverse bias.</li> <li>• To find the refractive index of a liquid using a concave mirror and a plane mirror</li> </ul> <p style="text-align: center;"><b>Activities.</b></p> <p style="text-align: center;"><b>Section B (Any 3)</b></p> <ul style="list-style-type: none"> <li>• To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items.</li> <li>• To observe refraction and lateral deviation of a beam of</li> </ul>

		<p>light incident obliquely on a glass slab.</p> <ul style="list-style-type: none"> <li>• To study the nature and size of the image formed by a (i) convex lens, (ii) concave mirror, on a screen by using a candle and a screen (for different distances of the candle from the lens/mirror).</li> <li>• To observe diffraction of light due to a thin slit.</li> </ul>
<b>DECEMBER</b>	<b>Chapter-14: Semiconductor Electronics: Materials, Devices and Simple Circuits (concluded)</b>	
<b>JANUARY-27</b>	<b>Pre-Board Exam</b>	
<b>FEBRUARY-27</b>	-	

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## CHEMISTRY

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
APRIL	Ch 1: Solutions Ch 2: Electrochemistry	Preparation of Mohr's salt Solution and Oxalic acid solution
MAY	Ch 3: Chemical Kinetics Ch 4: d- and f-block Elements (Continued)	<b>Volumetric Analysis:</b> KMnO <sub>4</sub> -Oxalic acid Titration KMnO <sub>4</sub> -Mohr's salt Titration
JUNE	Ch 4: d- and f-block Elements Ch 5: Coordination Compounds (Continued)	
<b>JULY / AUGUST</b>	<b>SUMMER VACATION</b>	
AUGUST	Ch 5: Coordination Compounds Ch 6: Haloalkanes and Haloarenes (Continued)	<b>Salt Analysis-1</b> (NH <sub>4</sub> Cl) <b>Salt Analysis-2</b> (CH <sub>3</sub> COONH <sub>4</sub> )
SEPTEMBER	Ch 6: Haloalkanes and Haloarenes Ch 7: Alcohols, Phenols and Ethers	<b>Salt Analysis-3</b> (Al(NO <sub>3</sub> ) <sub>3</sub> ) <b>Salt Analysis-4</b> ( ZnSO <sub>4</sub> ) <b>Salt Analysis-5</b> BaCl <sub>2</sub> <b>Salt Analysis-6</b> Pb(NO <sub>3</sub> ) <sub>2</sub> <b>Content Based Analysis:</b> Functional group identification
OCTOBER	Ch 8: Aldehydes, ketones and Carboxylic acids (Continued)	
NOVEMBER	Ch 8: Aldehydes, ketones and Carboxylic acids Ch 9: Amines Ch 10: Biomolecules (Continued)	<b>Salt Analysis-7</b> Pb(CH <sub>3</sub> COO) <sub>2</sub> <b>Salt Analysis-8</b> Ba(NO <sub>3</sub> ) <sub>2</sub>
DECEMBER	Ch 10: Biomolecules  Winter Break 21.12.2026 – 24.12.2026	
JANUARY-27	<b>Pre Board Exam</b>	
FEBRUARY-27	-	

## INFORMATICS PRACTICES

MONTH	TOPICS TO BE COMPLETED
<b>APRIL</b>	Chapter 2: Data Handling using Pandas – I
<b>MAY</b>	Chapter 2: Data Handling using Pandas – I (Continued) Chapter 6: Societal Impacts
<b>JUNE</b>	Revision
<b>JULY / AUGUST</b>	<b>SUMMER VACATION</b>
<b>AUGUST</b>	<b>Chapter 4:</b> Plotting Data Using Matplotlib
<b>SEPTEMBER</b>	<b>Chapter 1:</b> Querying and SQL Functions
<b>OCTOBER</b>	Revision
<b>NOVEMBER</b>	<b>Chapter 1:</b> Querying and SQL Functions (Continued) <b>Chapter 5:</b> Internet and Web <b>Project &amp; Practical File Submission</b>
<b>DECEMBER</b>	Revision
<b>JANUARY-27</b>	<b>Pre Board Exam</b>
<b>FEBRUARY-27</b>	-

## ECONOMICS

MONTH	TOPICS TO BE COMPLETED
<b>APRIL</b>	<b>Part A: Introductory Macroeconomics</b> <b>Unit 1:</b> National Income and Related Aggregates <b>Unit 2:</b> Money and Banking
<b>MAY</b>	<b>Unit 6:</b> Development Experience (1947-90) and Economic Reforms since 1991
<b>JUNE</b>	<b>Unit 6:</b> Development Experience -Economic Reforms since 1991- (Project Work Topic Assigning)
<b>JULY / AUGUST</b>	<b>SUMMER VACATION</b>
<b>AUGUST</b>	<b>Unit 3:</b> Determination of Income and Employment (Project Submission and Verifications)
<b>SEPTEMBER</b>	<b>Unit 3:</b> Determination of Income and Employment (Contn.) <b>Unit 7:</b> Current challenges facing Indian Economy
<b>OCTOBER</b>	<b>Unit 4:</b> Government Budget and the Economy
<b>NOVEMBER</b>	<b>Unit 5:</b> Balance of Payments <b>Unit 8:</b> Development Experience of India
<b>DECEMBER</b>	<b>Unit 5:</b> Balance of Payments
<b>JANUARY-27</b>	<b>Pre Board Exam</b>
<b>FEBRUARY-27</b>	-

## BUSINESS STUDIES

MONTH	TOPICS TO BE COMPLETED
APRIL	<b><i>Part A: Principles and Functions of Management</i></b> <b>Unit 1:</b> Nature and Significance of Management <b>Unit 2:</b> Principles of Management
MAY	<b>Unit 3:</b> Business Environment <b>Unit 4:</b> Planning
JUNE	<b><i>Part B: Business Finance and Marketing</i></b> <b>Unit 11:</b> Marketing
JULY / AUGUST	SUMMER VACATION
AUGUST	<b>Unit 11:</b> Marketing(continuation) <b>Unit 12:</b> Consumer Protection
SEPTEMBER	<b>Unit 5:</b> Organising <b>Unit 6:</b> Staffing <b>Unit 7:</b> Directing
OCTOBER	<b>Part B:</b> Business Finance and Marketing <b>Unit 9:</b> Financial Management
NOVEMBER	<b>Unit 9:</b> Financial Management(continuation) <b>Unit 8:</b> Controlling <b>Unit 10:</b> Financial Markets
DECEMBER	<b>Unit 10:</b> Financial Markets(continuation)
JANUARY-27	Pre Board Exam
FEBRUARY-27	-

## ACCOUNTANCY

MONTH	TOPICS TO BE COMPLETED
<b>APRIL</b>	<b>Unit 4:</b> Analysis of Financial Statements <ul style="list-style-type: none"> <li>• Financial statements of a Company</li> <li>• Financial statements of a Company-Tools for FS Analysis (Comparative statements, common size statements, Ratio analysis)</li> </ul> <b>Unit 5:</b> Cash Flow Statement-Cash flow statement analysis
<b>MAY</b>	<b>Unit-3</b> Accounting for Companies <ul style="list-style-type: none"> <li>• Accounting for Share Capital</li> <li>• Accounting for Debentures</li> </ul>
<b>JUNE</b>	<ul style="list-style-type: none"> <li>• Accounting for Debentures (Contn.)</li> </ul>
<b>JULY / AUGUST</b>	<b>SUMMER VACATION</b>
<b>AUGUST</b>	<b>Part A:</b> Accounting for Partnership Firms <b>Unit 1:</b> Accounting for Partnership Firms (Fundamentals)
<b>SEPTEMBER</b>	<b>Part A:</b> Accounting for Partnership Firms <b>Unit 1:</b> Accounting for Partnership Firms-(Fundamentals)-(Contn.) <b>Unit 2:</b> Accounting for Partnership firms - Reconstitution and Dissolution <ul style="list-style-type: none"> <li>• Change in the Profit-Sharing Ratio</li> </ul>
<b>OCTOBER</b>	<b>Unit 2:</b> Accounting for Partnership firms - Reconstitution and Dissolution. <ul style="list-style-type: none"> <li>• Admission of a partner</li> </ul>
<b>NOVEMBER</b>	<ul style="list-style-type: none"> <li>• Admission of a partner (Contn.)</li> <li>• Retirement and death of a partner:</li> <li>• Dissolution of a partnership firm</li> </ul>
<b>DECEMBER</b>	<ul style="list-style-type: none"> <li>• Dissolution of a partnership firm (Contn.)</li> </ul>
<b>JANUARY-27</b>	<b>Pre Board Exam</b>
<b>FEBRUARY-27</b>	-

## COMPULSORY ARABIC

MONTH	TOPICS TO BE COMPLETED
APRIL	<p>عنوان الوحدة : الكفاية النحوية : التوابع والأساليب النحوية</p>
MAY	<p>مكونات الجملة الأسمية والفعلية : 1 - مكونات الجملة الأسمية مكونات الجملة الفعلية .</p>
JUNE	<p>أنواع التوابع : 2 - العطف - النعت ( الصفة ) التوكيد - البدل .</p>
JULY / AUGUST	SUMMER VACATION
AUGUST	<p><u>أنواع المنادى :</u> 1 - المنادى كلمتان</p>
SEPTEMBER	<p>2- المنادى كلمة واحدة 3- أمثلة على المنادى</p>
OCTOBER	First Term Exam
NOVEMBER	<p><u>الكفاية الاملائية :</u> 1- الألف المتطرفة 2- الحذف والزيادة 3- الوصل والفصل</p>
DECEMBER	<p><u>الكفاية القرآنية:</u> مستويات القراءة القراءة النقدية الإبداعية (قراءة ما وراء السطور ) القراءة التحليلية (قراءة ما بين السطور ) القراءة الحرفية ( قراءة السطور ) القراءة الالوية ( فك الموز البصرية دون الوصول للمعنى )</p> <p>نشاطات التعلم ص 112 مراجعة</p>
JANUARY-27	Pre Board Exam
FEBRUARY-27	-

## S.A.C.

MONTH	TOPICS TO BE COMPLETED
APRIL	Unit 7 :- L.1 – Identifying Flora and Fauna
MAY	L.2 – Plant Life
JUNE	L.3 – Animal Life
JULY / AUGUST	SUMMER VACATION
AUGUST	Unit 8 : L.1 – Ablution
SEPTEMBER	Unit 8 : L.1 – Ablution(Contd.)
OCTOBER	L.2 – Commencing Prayers (Iqamah)
NOVEMBER	L.3 – The Prayer (salat )
DECEMBER	Revision
JANUARY-27	Pre Board Exam
FEBRUARY-27	-

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