

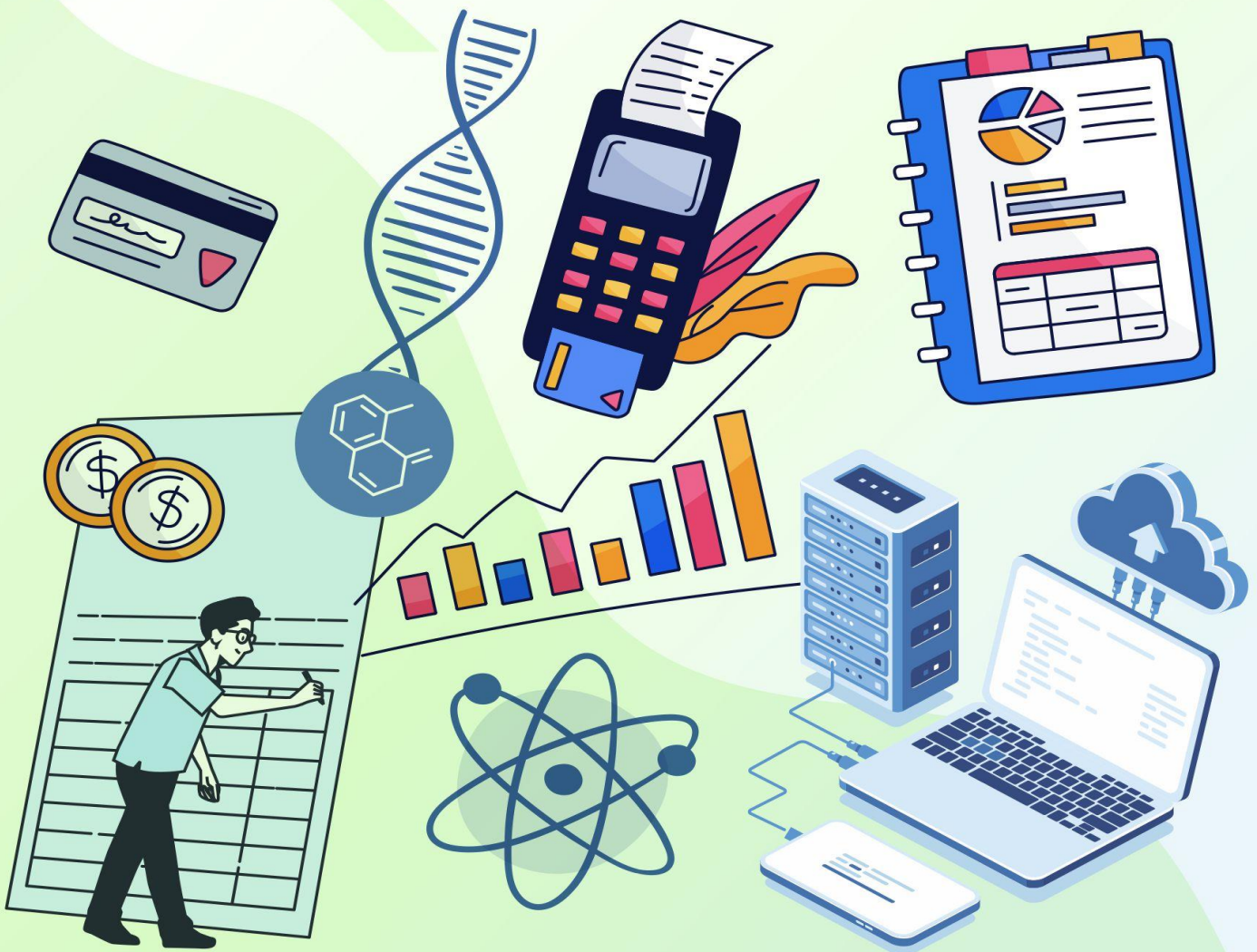


AL FALAH INTERNATIONAL EDUCATION CO.
DPS JEDDAH



GRADE - XII

ANNUAL
SYLLABI
2025-26



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ENGLISH

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

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| SEPTEMBER | Flamingo: 6. Poets and Pancakes 7. The Interview Part1 & 2 Poem : 4. A Thing of Beauty Flamingo: 8. Going Places Vistas: 6. On the Face of It | ASL |
| OCTOBER | Poems: 5. A Roadside Stand 6. Aunt Jennifer's Tigers | |
| NOVEMBER | Vistas : 8. Memories of Childhood Advanced Writing Skills: Business letters : Placing Orders & Sending Replies ASL-FINAL | ASL-FINAL |
| DECEMBER | Revision Listening and speaking skill Practice Revision | |
| JANUARY-26 | Pre Board Examination | |
| FEBRUARY-26 | | |

MATHEMATICS

| MONTH | TOPICS TO BE COMPLETED |
|----------------------|---|
| MARCH | Ch:3-Matrices |
| APRIL | Ch:3-Matrices (To be continued..) 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 |

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| 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-26 | Pre Board Examination |
| FEBRUARY-26 | |

BIOLOGY

| MONTH | TOPICS TO BE COMPLETED | PRACTICALS |
|--------------|---|--|
| MARCH | Ch. 2: Sexual Reproduction in Flowering plants. Ch. 3: Human Reproduction. | 1. Study of T.S. of Blastula, T.S. of Testis, and Ovary |
| APRIL | Ch. 3: Human Reproduction (concluded). Ch. 4: Reproductive Health. | 2. Isolation of DNA |
| MAY | Ch. 5: Principles of Inheritance and Variation. Ch. 6: Molecular basis of Inheritance. | 3. Study of Pollen Germination on slide. 4. Analysis of Pedigree charts of Widow's Peak, ear lobes, Color Blindness, Blood Groups and Rolling Tongue. <i>Investigatory Projects to be discussed and assigned</i> |
| JUNE | Ch. 15: Biodiversity and its Conservation | |

| JULY / AUGUST | SUMMER VACATION | |
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| AUGUST | Ch. 14: Ecosystems | |
| SEPTEMBER | Ch. 11: Biotechnology- Principles and Processes Ch. 12: Biotechnology and its Applications | 5. Preparation of Temporary mount of Onion root tip to study mitosis. 6. To study the Plant population density and Plant population frequency by quadrat method |
| OCTOBER | Ch. 8: Human Health and Diseases | 7. Identification of Disease- causing Organisms and commenting on the disease they cause. |
| NOVEMBER | Ch. 9: Microbes in Human Welfare Ch. 13: Organisms and Populations | 8. Flowers adapted to Pollination by different agencies (wind, insects, and birds). 9. Meiosis in Onion bud cell or Grasshopper testis through permanent slides. |
| DECEMBER | Ch. 7: Evolution | 10. Models or specimen showing symbiotic association in root nodules of leguminous plants, Cuscuta on host, lichens. 11. Homologous and Analogous organs through flash cards or models. |
| JANUARY-26 | Pre Board Examination | |
| FEBRUARY-26 | | |

PHYSICS

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

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| | | three (on/off) switches, a fuse and a power source |
| JUNE | Chapter-6: Electromagnetic Induction (Concluded) Chapter-7: Alternating Current | |
| JULY / AUGUST | SUMMER VACATION | |
| AUGUST | Chapter-7: Alternating Current (continued) | |
| SEPTEMBER | Chapter-7: Alternating Current (Concluded) Chapter-8: Electromagnetic Waves Chapter-9: Ray Optics and Optical Instruments Chapter-10: Wave Optics | Section B (Any 4) 1. To find the value of v for different values of u in case of a concave mirror and to find the focal length. 2. To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$. |
| OCTOBER | Chapter-10: Wave Optics (concluded) Chapter-11: Dual nature of matter and radiations Chapter 12: Atoms | 3. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation. 4. To find refractive index of a liquid by using convex lens and plane mirror. 5. To determine refractive index of a glass slab using a travelling microscope. 6. To draw the I-V characteristic curve for a p-n junction diode in forward bias and reverse bias. |

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| | | 7. To find the refractive index of a liquid using a concave mirror and a plane mirror |
| NOVEMBER | Chapter-13: Nuclei Chapter-14: Semiconductor Electronics: Materials, Devices and Simple Circuits | <p style="text-align: center;">Activities Section B (Any 3)</p> <ol style="list-style-type: none"> 1. To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items. 2. To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab. 3. 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). 4. To observe diffraction of light due to a thin slit. |
| DECEMBER | Chapter-14: Semiconductor Electronics: Materials, Devices and Simple Circuits (concluded) | |
| JANUARY-26 | Pre-Board Exam | |
| FEBRUARY-26 | | |

CHEMISTRY

| MONTH | TOPICS TO BE COMPLETED | PRACTICALS |
|---------------|---|---|
| MARCH | Ch 1: Solutions | Preparation of Mohr's salt Solution and Oxalic acid solution |
| APRIL | Ch 2: Electrochemistry Ch 3: Chemical Kinetics | Volumetric Analysis: KMnO ₄ -Oxalic acid Titration KMnO ₄ -Mohr's salt Titration |
| MAY | Ch 6: Haloalkanes and Haloarenes Ch 7: Alcohols, Phenols and Ethers | Salt Analysis-1 (NH ₄ Cl) Salt Analysis-2 (CH ₃ COONH ₄) |
| JUNE | Ch 7: Alcohols, Phenols and Ethers (Concluded) | |
| JULY / AUGUST | SUMMER VACATION | |
| AUGUST | Ch 8: Aldehydes, ketones and Carboxylic acids | Salt Analysis-3 (Al(NO ₃) ₃) |
| SEPTEMBER | Ch 8: Aldehydes, ketones and Carboxylic acids (Concluded) Ch 9: Amines | Salt Analysis-4 (ZnSO ₄) Test for functional groups present in organic compound To detect the presence of carbohydrates, fats and proteins in given food sample |
| OCTOBER | Ch 10: Biomolecules Ch 4: d- and f-block Elements | Salt Analysis-5 BaCl ₂ Salt Analysis-6 - Pb(NO ₃) ₂ |
| NOVEMBER | Ch 4: d- and f-block Elements (Concluded) Ch 5: Coordination Compounds | Salt Analysis-7 - Pb(CH ₃ COO) ₂ |
| DECEMBER | Ch 5: Coordination Compounds (Concluded) | |
| JANUARY-26 | Pre Board Exam | |
| FEBRUARY-26 | | |

INFORMATICS PRACTICES

| MONTH | TOPICS TO BE COMPLETED |
|----------------------|--|
| MARCH | Chapter 2: Data Handling using Pandas – I |
| APRIL | Chapter 2: Data Handling using Pandas – I (Contd.) |
| MAY | Chapter 5: Internet and Web |
| JUNE | REVISION |
| JULY / AUGUST | SUMMER VACATION |
| AUGUST | Chapter 1: Querying and SQL Functions |
| SEPTEMBER | Chapter 1: Querying and SQL Functions (contd...) |
| OCTOBER | Chapter 6: Societal Impacts |
| NOVEMBER | Chapter 4: Plotting Data Using Matplotlib Project Submission Practical file submission |
| DECEMBER | REVISION |
| JANUARY-26 | Pre Board Exam |
| FEBRUARY-26 | |

ECONOMICS

| MONTH | TOPICS TO BE COMPLETED |
|----------------------|---|
| MARCH | <i>Part A: Introductory Macroeconomics</i> Unit 1: National Income and Related Aggregates |
| APRIL | Unit 1: National Income and Related Aggregates (Contn.) Unit 2: Money and Banking |
| MAY | <i>Part B: Indian Economic Development</i> Unit 6: Development Experience (1947-90) and Economic Reforms since 1991: Project Work (Topic Assigning) |
| JUNE | Unit 6: Development Experience -Economic Reforms since 1991: |
| JULY / AUGUST | SUMMER VACATION |
| AUGUST | Unit 3: Determination of Income and Employment Project Submission and Verifications |
| SEPTEMBER | Unit 3: Determination of Income and Employment (Contn.) Unit 7: Current challenges facing Indian Economy |
| OCTOBER | Unit 4: Government Budget and the Economy |
| NOVEMBER | Unit 5: Balance of Payments Unit 8: Development Experience of India: |
| DECEMBER | Unit 5: Balance of Payments |
| JANUARY-26 | Pre Board Exam |
| FEBRUARY-26 | |

BUSINESS STUDIES

| MONTH | TOPICS TO BE COMPLETED |
|----------------------|--|
| MARCH | <i>Part A: Principles and Functions of Management</i> Unit 1: Nature and Significance of Management |
| APRIL | Unit 2: Principles of Management Unit 3: Business Environment |
| MAY | Unit 4: Planning <i>Part B: Business Finance and Marketing</i> Unit 11: Marketing |
| JUNE | Unit 12: Consumer Protection |
| JULY / AUGUST | SUMMER VACATION |
| AUGUST | Unit 5: Organising |
| SEPTEMBER | Unit 6: Staffing Unit 7: Directing |
| OCTOBER | <i>Part B: Business Finance and Marketing</i> Unit 8: Controlling Unit 9: Financial Management |
| NOVEMBER | Unit 10: Financial Markets |
| DECEMBER | Unit 10: Financial Markets (Contn) |
| JANUARY-26 | Revision Pre Board Exam |
| FEBRUARY-26 | |

ACCOUNTANCY

| MONTH | TOPICS TO BE COMPLETED |
|----------------------|--|
| MARCH | <p style="text-align: center;"><i>Part B: Financial Statement Analysis</i></p> <p>Unit 4: Analysis of Financial Statements</p> <ul style="list-style-type: none"> • Financial statements of a Company. • Financial statements of a Company-Tools for FS Analysis <p>Comparative statements, common size statements, Ratio analysis</p> |
| APRIL | <ul style="list-style-type: none"> • Ratio analysis (Contn) <p>Unit 5: Cash Flow Statement</p> <p>Cash flow statement analysis</p> |
| MAY | <p>Unit-3 Accounting for Companies</p> <ul style="list-style-type: none"> • Accounting for Share Capital • Accounting for Debentures |
| JUNE | Accounting for Debentures (Contn) |
| JULY / AUGUST | SUMMER VACATION |
| AUGUST | <p>Part A: Accounting for Partnership Firms and Companies</p> <p>Unit 1: Accounting for Partnership Firms (Fundamentals)</p> |
| SEPTEMBER | <p>Part A: Accounting for Partnership Firms and Companies</p> <p>Unit 1: Accounting for Partnership Firms- (Fundamentals)-Contn.</p> |
| OCTOBER | <p>Unit 2: Accounting for Partnership firms - Reconstitution and Dissolution.</p> <ul style="list-style-type: none"> • Change in the Profit-Sharing Ratio • Admission of a partner |
| NOVEMBER | Retirement and death of a partner: |
| DECEMBER | Dissolution of a partnership firm |
| JANUARY-26 | Pre Board Exam |
| FEBRUARY-26 | |

COMPULSORY ARABIC

| MONTH | TOPICS TO BE COMPLETED |
|---------------|--|
| MARCH | <p>عنوان الوحدة : الكفاية النحوية : التوابع والأساليب النحوية</p> |
| APRIL | <p>مكونات الجملة الأسمية والفعلية : ١ - مكونات الجملة الأسمية مكونات الجملة الفعلية .</p> |
| MAY | <p>أنواع التوابع : ٢ - العطف - النعت (الصفة) التوكيد - البدل .</p> |
| JUNE | Unit Test 1 |
| JULY / AUGUST | SUMMER VACATION |
| AUGUST | <p><u>أنواع المنادى :</u> ١ - المنادى كلمتان</p> |
| SEPTEMBER | <p>٢ - المنادى كلمة واحدة ٣ - أمثلة على المنادى</p> |
| OCTOBER | First Term Exam |
| NOVEMBER | <p><u>الكفاية الإملائية :</u> ١- الألف المتطرفة ٢- الحذف والزيادة ٣- 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 الالية (فك الموز البصرية دون الوصول للمعنى) نشاطات التعلم ص ١١٢ مراجعة</p> |
| JANUARY-26 | Pre-board |
| FEBRUARY-26 | |

S.A.C

| MONTH | TOPICS TO BE COMPLETED |
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| MARCH | Unit 7 :- L.1 – Identifying Flora and Fauna |
| APRIL | L.2 – Plant Life |
| MAY | L.3 – Animal Life |
| JUNE | UT 1 |
| JULY / AUGUST | SUMMER VACATION |
| AUGUST | Unit 8 : L.1 – Ablution |
| SEPTEMBER | Unit 8 : L.1 – Ablution(Contd.) |
| OCTOBER | L.2 – Commencing Prayers (Iqamah) 1 st TERM EXAMINATION |
| NOVEMBER | L.3 – The Prayer (salat) |
| DECEMBER | Revision |
| JANUARY-26 | Revision & Pre-board |
| FEBRUARY-26 | |