

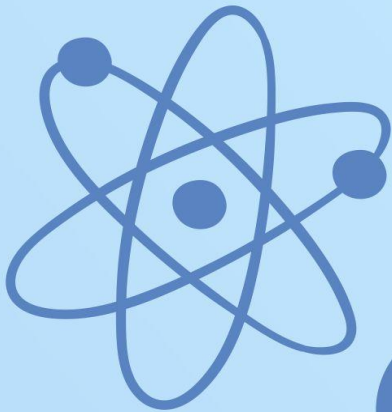


AL FALAH INTERNATIONAL EDUCATION CO.
DPS JEDDAH

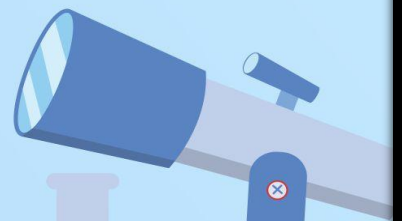


GRADE - XI

ANNUAL
SYLLABI
2024-25



$$E = MC^2$$



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ENGLISH

MONTH	TOPICS TO BE COMPLETED
MARCH	Hornbill: L1- The Portrait Of a Lady Poem: 1- A Photograph Advanced Writing Skills : Classified & Display Advertisements, Poster Making, Reading: Note Making, Summary
APRIL	Hornbill: L2- We're Not Afraid to Die... If We Can All Be Together Snapshot:1- The Summer of the Beautiful White Horse Integrated grammar practice
MAY	Hornbill: L3- Discovering Tut: The Saga Continues P2- The Laburnum Top Snapshot: 2- The Address Advanced Writing Skills: Writing speech & debates Reading: Note Making, Summary
JUNE	PROJECT Initiated Integrated grammar practice Unit Test -1
JULY / AUGUST	SUMMER VACATION
AUGUST	Snapshot: 5. Mother's Day Advanced Writing Skills: Writing speech & debates
SEPTEMBER	Snapshot: 7- Birth Hornbill: P3- The Voice of the Rain P-4 -Childhood Integrated grammar practice
OCTOBER	Hornbill: P-5- Father to Son 1st TERM EXAMINATION
NOVEMBER	Hornbill: 7. The Adventure 8- Silk Road Snapshot: 8- The Tale of the Melon City Integrated grammar practice
DECEMBER	Integrated grammar practice Listening Skills Practice ASL- Final—Project work Revision
JANUARY-25	Pre Board Exam
FEBRUARY-25	Second Term Examination

MATHEMATICS

MONTH	TOPICS TO BE COMPLETED
MARCH	Ch. 1 Sets
APRIL	Ch. 2 Relations And Functions Ch. 3 Trigonometric Functions
MAY	Ch. 3 Trigonometric Functions (To be Continued...) Ch. 4 Complex Numbers and Quadratic Equations Ch. 5 Linear Inequalities Ch.6 Permutations and Combinations
JUNE	Unit Test 1
JULY / AUGUST	SUMMER VACATION
AUGUST	Ch.6 Permutations and Combinations (To be Continued...)
SEPTEMBER	Ch. 7 Binomial Theorem Ch. 8 Sequences and Series Ch.9 Straight Lines
OCTOBER	Ch.10 Conic Sections
NOVEMBER	Ch.11 Introduction to Three Dimensional Geometry Ch.12 Limits and Derivatives Ch.13 Statistics Ch. 14 Probability
DECEMBER	Ch. 14 Probability (To be Continued...)
JANUARY-25	Pre Board Exam
FEBRUARY-25	Second Term Examination

BIOLOGY

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
MARCH	Ch. 1: The living World Ch. 2: Biological Classification	1. Parts of Compound Microscope.
APRIL	Ch. 3: Plant Kingdom Ch. 4: Animal Kingdom	2. Specimens/ slides/models and identification with reasons- Bacteria, Oscillatoria, spirogyra, Rhizopus etc. 3. Virtual specimens/ slides or models and identifying features of Amoeba, Hydra, Liver fluke, Ascaris, leech, earthworm, prawn, silkworm, honeybee, snail, star fish, shark, rohu, frog, lizard, pigeon, and rabbit.
MAY	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	4. Study of Osmosis by Potato Osmometer. 5. Separation of Plant Pigments by Paper Chromatography. 6. Study of distribution of Stomata on upper and lower surface of leaf.
JUNE	Ch. 17: Breathing and Exchange of Gases Unit Test 1	
JULY / AUGUST	SUMMER VACATION	
AUGUST	Ch. 18: Body Fluids and Circulation Ch. 19: Excretory Products and Their Elimination Ch. 20: Locomotion and Movement	7. Mitosis in Onion root tip cell and animal cell (Grasshopper) from permanent slides
SEPTEMBER	Ch. 21: Neural Control and Coordination Ch.22: Chemical Coordination and Integration Ch. 9: Biomolecules	8. Study of the rate of Respiration in flower buds/leaf tissues and germinating seeds
OCTOBER	Ch. 15: Plant Growth and Development	
NOVEMBER	Ch. 5: Morphology of Flowering Plants Ch. 6: Anatomy of Flowering Plants Ch. 7: Structural Organization in Animals	9. Test for the presence of sugar, starch, protein and fats in suitable plant and animal material. 10. Comparative Study of the rates of transpiration in the

		upper and lower surface of leaves 11. Human Skeleton and different types of joints with the help of virtual images and models only
DECEMBER		12. Study and description of common flowering plants from Asteraceae family
JANUARY-25	Pre Board Exam	
FEBRUARY-25	Second Term Examination	

PHYSICS

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
MARCH	Chapter 1: Units and measurements Chapter 2: Motion in a straight line	
APRIL	Chapter 2: Motion in a straight line(Contd.) Chapter 3: Motion in a plane	<p style="text-align: center;">Experiments: Section A (Any 4)</p> <ul style="list-style-type: none"> • To measure diameter of a small spherical/cylindrical body using Vernier Callipers • To measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume. • To measure diameter of a given wire using screw gauge.
MAY	Chapter 3: Motion in a plane(Contd.) Chapter 4: Laws of Motion Chapter 5: Work energy and power	<ul style="list-style-type: none"> • To determine volume of an irregular lamina using screw gauge. • To determine radius of curvature of a given spherical surface using spherometer. • To find the weight of a given body using parallelogram of vectors.
JUNE	Unit Test 1	
JULY / AUGUST	SUMMER VACATION	
AUGUST	Chapter 5: Work energy and power (Contd.) Chapter 6: System of Particles and Rotational Motion	<ul style="list-style-type: none"> • To study the relationship between force of limiting friction and normal reaction and to find the coefficient of friction between a block and a horizontal surface.

	Chapter 7: Gravitation	<ul style="list-style-type: none"> Using a simple pendulum, plot its $L-T^2$ graph and use it to find the effective length of second's pendulum
SEPTEMBER	Chapter 7: Gravitation(Contd.) Chapter 8: Mechanical properties of solids Chapter 9: Mechanical properties of Fluids Chapter 10: Thermal properties of matter Chapter 11: Thermodynamics	Section B (Any 4) <ul style="list-style-type: none"> To find the force constant of a helical spring by plotting a graph between load and extension. To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body. To study the relationship between the temperature of a hot body and time by plotting a cooling curve
OCTOBER	Chapter 11: Thermodynamics(Contd.)	
NOVEMBER	Chapter 12: Kinetic theory of gases Chapter 13: Oscillations Chapter 14: Waves	<ul style="list-style-type: none"> To study the relation between frequency and length of a given wire under constant tension using sonometer. To find the speed of sound in air at room temperature using a resonance tube by two resonance positions.
DECEMBER	Chapter 14: Waves(Contd.)	
JANUARY-25	Pre-Board Exam	
FEBRUARY-25	Second Term Examination	

CHEMISTRY

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
MARCH	Ch-1: Some basic Concepts of Chemistry	To prepare pure crystals of copper sulphate
APRIL	Ch-2: Structure of Atom	Volumetric Analysis : NaOH-Oxalic acid titration

MAY	Ch-2: Structure of Atom(Contd.) Ch-3: Classification of Elements and periodicity in properties.	Qualitative Analysis: Anions and Cations CuSO ₄ , (NH ₄)CO ₃ ,
JUNE	Unit Test 1	
JULY / AUGUST	SUMMER VACATION	
AUGUST	Ch-4: Chemical Bonding	
SEPTEMBER	Ch-5: Thermodynamics Ch-6: Chemical Equilibrium	Qualitative Analysis: Anions and Cations Coloured salts
OCTOBER	Ch-7: Redox Reactions	
NOVEMBER	Ch-8: Organic Chemistry Ch-9: Hydrocarbon	Qualitative Analysis: Anions and Cations ZnCl ₂ , Al(NO ₃) ₃ ,
DECEMBER	Ch-9: Hydrocarbon (contd.)	
JANUARY-25	Pre Board Exam	
FEBRUARY-25	Second Term Examination	

INFORMATICS PRACTICES

MONTH	TOPICS TO BE COMPLETED
MARCH	Chapter 3 - Brief Overview of Python
APRIL	Chapter 3 - Brief Overview of Python (Contd...)
MAY	Chapter 1- Computer system
JUNE	Unit Test 1
JULY / AUGUST	SUMMER VACATION
AUGUST	Chapter 4: Working with Lists and Dictionaries
SEPTEMBER	Chapter 4: Working with Lists and Dictionaries(contd...) Chapter 2 - Emerging Trends

OCTOBER	Chapter 7- Database Concepts Chapter 8- Introduction to Structured Query Language(SQL)
NOVEMBER	Chapter 8- Introduction to Structured Query Language(SQL)(contd...) Practical file submission
DECEMBER	REVISION
JANUARY-25	Pre Board Exam
FEBRUARY-25	Second Term Examination

ECONOMICS

MONTH	TOPICS TO BE COMPLETED
MARCH	Unit-1. Introduction to Economics Unit.2. Collection, Organisation and Presentation of data
APRIL	Unit.2. Collection, Organisation and Presentation of data (Contd.) Part B: Unit.4. Introductory Microeconomics
MAY	Part B: Unit.5. Consumer's Equilibrium and Demand- (Project Work-Topic Assigning)
JUNE	Unit Test 1
JULY / AUGUST	SUMMER VACATION
AUGUST	Unit.2. Collection, Organisation and Presentation of data (Cont.) Unit 6: Producer Behaviour and Supply
SEPTEMBER	Unit 6: Producer Behaviour and Supply (Cont.) (Project Work-Verification)
OCTOBER	Unit 3: Statistical Tools and Interpretation- Measures of Central Tendency, Correlation

NOVEMBER	Unit 7: Forms of Market and Price Determination under Perfect Competition with simple applications
DECEMBER	Unit 3: Statistical Tools- Index Numbers
JANUARY-25	Pre Board Exam
FEBRUARY-25	Second Term Examination

BUSINESS STUDIES

MONTH	TOPICS TO BE COMPLETED
MARCH	Unit 1:Nature and purpose of Business
APRIL	Unit 2: Forms of Business organisation
MAY	Unit 3:public,private and Global enterprises Unit 4:Business Service
JUNE	Unit Test 1
JULY / AUGUST	SUMMER VACATION
AUGUST	Unit 4:Busiess Services(continuation) Unit 5:emerging Modes of Business
SEPTEMBER	Unit 5:emerging Modes of Business(continuation) Unit 6:Social Responsibility of Business and Business ethics
OCTOBER	Unit7:Sources of Business Finance(continuation) Unit 8:Small Business
NOVEMBER	Unit 9:Internal Trade
DECEMBER	Unit 10:International Business
JANUARY-25	Revision Pre Board Exam
FEBRUARY-25	Second Term Examination

ACCOUNTANCY

MONTH	TOPICS TO BE COMPLETED
MARCH	Part A-Financial Accounting-I Unit1: Theoretical Framework Introduction to Accounting Theory Base of Accounting
APRIL	Unit 2: Accounting Process Recording of Transactions-1 Accounting equation Journal
MAY	Ledger, Trail Balance Recording Transation-2 Cash Book Subsidiary Book
JUNE	Unit Test 1
JULY / AUGUST	SUMMER VACATION
AUGUST	Subsidiary book(Continuation) Rectification of Errors
SEPTEMBER	Bank Reconciliation Statement Depreciation
OCTOBER	Depreciation (continuation) Provision & Reserve
NOVEMBER	Part B-financial Accounting-II Unit 3:Financial Statement -I,II
DECEMBER	Incomplete Records
JANUARY-25	Pre Board Exam
FEBRUARY-25	Second Term Examination

COMPULSORY ARABIC

MONTH	TOPICS TO BE COMPLETED
MARCH	U1: في سبيل الله
APRIL	U2: جحا القاضي
MAY	U3: لمن الهدية
JUNE	Unit Test 1
JULY / AUGUST	SUMMER VACATION
AUGUST	U5: الدنانير الذهبية
SEPTEMBER	U6: هذا من فضل الله
OCTOBER	U7: صوم رمضان
NOVEMBER	U8: دعاء الأم Revision
DECEMBER	Revision
JANUARY-25	Pre-board
FEBRUARY-25	Second Term Examination

ISLAMIC STUDIES

MONTH	TOPICS TO BE COMPLETED
MARCH	Unit 1: Islamic (Al-Aqidah) (Islamic Creed): L1: The meaning and importance of Aqidah. L2: The knowledge of Aqidah.
APRIL	L3: The preservation of Aqidah L4: The Tawhid (Monotheism) L5: Categories of Tawhid
MAY	Unit 2: Shirk (Polytheism) and Bidah (Innovation): L1: Shirk (Polytheism) L2: The conflicts between Tawhid and Shirk. L3: Bida'ah its categories and status in Islam. L4: The Emergence of Bida'ah among Muslims. L5: Some Examples of Bida'ah Today. Unit3: Worship: (Ibadah): L1: The Meaning and Importance of Ibadah
JUNE	Unit Test 1
JULY / AUGUST	SUMMER VACATION
AUGUST	Unit3: Worship: (Ibadah): L2: The Forms of Ibadah. L3: The Concept of Ibadah Unit 4: The Noble Quran: L1: Surah Al-Fatihah (Translation and Explanation) L2: Surah Al-Ikhlās (Translation and Explanation) L3: Surah Al-kafirun (Translation and Explanation)
SEPTEMBER	Unit 4: The Noble Quran: contd... L4: Surah Al-Falaq (Translation and Explanation) L5: Surah Al-Nas (Translation and Explanation)
OCTOBER	Unit 5: Hadith : L1: The importance of Intention. L2: Innovation in Religion.
NOVEMBER	L3: Refining the Soul L4: One's Relationship with Allah. L5: Faith is Love of Obedience.
DECEMBER	Revision
JANUARY-25	Pre-board
FEBRUARY-25	Second Term Examination