



**AL FALAH INTERNATIONAL SCHOOL
DPS JEDDAH**



GRADE - XI

Annual Syllabi

Session 2019-2020



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ENGLISH

MONTH	TOPICS TO BE COMPLETED	PRACTICAL
APRIL	<p>Reading: Note Making, Summary Writing: Notice, Classified & Display Advertisements, Poster Making Hornbill: L1-The Portrait Of a Lady L2- We're Not Afraid to Die.. If We Can All Be Together L3- Discovering Tut: The Saga Continues P1- A Photograph P2- The Laburnum Top Snapshot:1-The Summer of the Beautiful White Horse 2- The Address Integrated Grammar Practice</p>	
MAY	<p>Hornbill: P3- The Voice of the Rain L4-Landscape of the Soul Snapshot: 3- Ranga's Marriage 4- Albert Einstein at School</p>	ASL
JUNE	<p>Writing: Job Application with CV Report Writing Letter to Editor Article Writing</p>	
JULY	<p>Grammar: Determiners Tenses</p>	
SEPT.	<p>Hornbill: L5-The Ailing Planet: The Green Movement's Role P4- Childhood P5- Father to Son Writing: Letters of Enquires, Placing orders Grammar: Change Of Voice, Modals and Clauses</p>	

OCT.	Hornbill: L6- The Browning Version L7- The Adventure Snapshot: 5- Mother's Day Writing: Letters of Complaints, Requests, Sending Replies Against Orders/Enquiries	
NOV.	Hornbill: L8- Silk Road Snapshot: 6- The Ghat of the Only World Writing: Invitation- Formal and Informal Reply to Invitations-Formal and Informal, Narrative writing	
DEC.	Snapshot: 7- Birth 8- The Tale of the Melon City Grammar: Transformation of Sentences Dialogue Completion	ASL
JAN.	Reading: Note Making Practice Integrated Grammar Practice Revision	

MATHEMATICS

MONTH	TOPICS TO BE COMPLETED
APRIL	Ch – 1 Sets Ch – 2 Relations And Functions Ch – 3 Trigonometric Functions
MAY	Ch- 4 Principle of Mathematical Induction Ch - 5 Complex Numbers and Quadratic Equations
JUNE	Ch - 6 Linear Inequalities
JULY	Ch - 6 Linear Inequalities (Continued)

SEPT.	Ch -7 Permutations and Combinations Ch - 8 Binomial Theorem Ch - 9 Sequences and Series
OCT.	Ch- 10 Straight Lines Ch- 11 Conic Sections Ch -12 Introduction to Three Dimensional Geometry
NOV.	Ch - 13 Limits and Derivatives Ch -15 Statistics
DEC.	Ch -15 Statistics (continued) Ch -16 Probability Ch - 14 Mathematical Reasoning
JAN.	Revision & Pre Board

BIOLOGY

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
APRIL	Ch -8: Cell : The unit of Life Ch-10: Cell cycle and Cell Division Ch - 9 : Biomolecules Ch -11: Transport in Plants	1.Study of mitosis from permanent slides 2.To detect the presence of sugars, starch, proteins and fats in the given food substances 3.Study of osmosis using potato osmometer
MAY	Ch -11: Transport in Plants(concluded) Ch – 12: Mineral Nutrition	4.Study of Plasmolysis and deplasmolysis in epidermal cells 5.Separation of leaf pigments using paper chromatography

JUNE	Ch – 13: Photosynthesis Ch – 14: Respiration in plants	
JULY	Practical Examinations	
SEPT.	Ch – 14: Respiration in plants (concluded) Ch – 15: Plant Growth and Development Ch – 1 : The Living world Ch – 2 : Biological Classification	6. Study and identification of prokaryotic organisms and plant specimens 7. Study and identification of Animal specimens
OCT.	Ch – 3 : Plant Kingdom Ch – 4 : Animal Kingdom Ch – 7 : Structural Organization in Animals. Ch – 5 : Morphology of Flowering plants	8. Identification of animal tissues 9. Identification of plant tissues
NOV.	Ch – 6: Anatomy of Flowering Plants Ch– 16: Digestion & absorption. Ch – 17: Breathing & Respiration	10. Comparison of stem anatomy in monocots and dicots 11. Study of human skeletal system and different types of joints
DEC.	Ch – 18: Body Fluids and Circulation Ch – 19: Excretory Products and their Elimination Ch– 20: Locomotion and Movement Ch – 21: Neural Control and Coordination Ch – 22: Chemical Coordination	
JAN.	Revision & Pre Board	

PHYSICS

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
APRIL	<p>Chapter 1: Physical world</p> <p>Chapter 2: Units and measurements</p> <p>Chapter 3: Motion in a straight line</p> <p>Chapter 4: Motion in a plane (continued)</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	<p>Chapter 4: Motion in a plane (concluded)</p> <p>Chapter 5: Laws of Motion</p> <p>Chapter 6: Work energy and power</p>	<ul style="list-style-type: none">• To measure thickness of a given sheet 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.• 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.
JUNE	Chapter 6: Work energy and power (continued)	<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.
JULY	Practical Examinations	
SEPT.	<p>Chapter 6: Work energy and power (Concluded)</p> <p>Chapter 7: System of Particles and Rotational Motion</p> <p>Chapter 8: Gravitation</p> <p>Chapter 9: Mechanical properties of solids</p> <p>Chapter 16: Ray Optics</p>	<ul style="list-style-type: none"> • To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body. • To study the relation between frequency and length of a given wire under constant tension using sonometer.
OCT.	<p>Chapter 15: Ray Optics (concluded)</p> <p>Chapter 10: Mechanical properties of Fluids</p> <p>Chapter 11 : Thermal properties of matter</p>	<ul style="list-style-type: none"> • To find the speed of sound in air at room temperature using a resonance tube by two resonance positions. • To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.

NOV.	Chapter 11 : Thermal properties of matter (concluded) Chapter 12 : Thermodynamics Chapter 13 : Kinetic theory of gases	<ul style="list-style-type: none"> • To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$.
DEC.	Chapter 13 : Kinetic theory of gases (concluded) Chapter 14 : Oscillations and Waves Chapter 15 : Waves	<ul style="list-style-type: none"> • To find the value of v for different values of u in case of a concave mirror and to find the focal length. • To determine refractive index of a glass slab using a travelling microscope.
JAN	Revision & Pre Board	

CHEMISTRY

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
APRIL	Lesson 1: Some Basic Concepts of Chemistry Lesson 2: Structure of Atom Lesson 3: Classification of Elements and Periodicity in Properties	<ul style="list-style-type: none"> • To prepare pure crystals of Copper Sulphate • To prepare pure crystals of Potash Alum
MAY	Lesson 4: Chemical Bonding	<ul style="list-style-type: none"> • Volumetric Analysis: NaOH-Oxalic Acid titration • Qualitative Analysis :Anions and Cations (Group 0 and1)

JUNE	Lesson 4:Chemical Bonding (concluded)	
JULY	Practical Examinations	
SEPT.	Lesson 5:States of Matter Lesson 6:Thermodynamics Lesson 8:Redox Reaction	• Qualitative Analysis : Anions and Cations (Group 2 and 3)
OCT.	Lesson 9: Hydrogen Lesson 10:S-block Elements Lesson 11:P-block Elements Lesson 12:Organic Chemistry	• Qualitative Analysis : Anions and Cations (Group 4 and5)
NOV.	Lesson 12:Organic Chemistry (concluded) Lesson 13:Hydrocarbon	• Qualitative Analysis : Anions and Cations (Group6)
DEC.	Lesson 7:Chemical Equilibrium Lesson 14:Environmental Chemistry	
JAN.	Revision & Pre Board	

ECONOMICS

MONTH	TOPICS TO BE COMPLETED
APRIL	Unit 1: Introduction Unit 2: Consumer's Equilibrium and Demand
MAY	Unit 3: Statistical Tools and Interpretation
JUNE	Unit 3: Statistical Tools and Interpretation
JULY	Practical Examinations
SEPT.	Unit 3: Statistical Tools and Interpretation Unit 2: Collection, Organisation and Presentation of data

OCT.	Unit 1: Introduction statistics
NOV.	Unit 3: Producer Behaviour and Supply
DEC.	Unit 4: Forms of Market and Price Determination under Perfect Competition with simple applications
JAN.	Revision & Pre Board

ACCOUNTANCY

MONTH	TOPICS TO BE COMPLETED
APRIL	Chapter 1- Introduction to Accountancy Chapter 2- Theory base of Accountancy Chapter 3- Recording of transaction
MAY	Chapter 4- Recording of transactions Chapter 5- Bank Reconciliation statement Chapter 6- Trial balance Chapter 9- Final statement I
JUNE	Chapter 9- Final statement I (continued)
JULY	Practical Examinations
SEPT.	Chapter 10- Final Accounts II Chapter 6- Rectification of errors Chapter 7- Depreciation provision and Reserves
OCT.	Chapter 8- Bills of exchange
NOV.	Chapter 8- Bills of exchange (continued) Chapter 11- Accounting of incomplete records

DEC.	Chapter 11- Accounting of incomplete records (continued) Chapter 12- Computerised accounts
JAN.	Revision & Pre Board

BUSINESS STUDIES

MONTH	TOPICS TO BE COMPLETED
APRIL	Unit 1: Nature and Purpose of Business Unit 2 : Forms of Business Organisations
MAY	Unit 7 : Sources of Business Finance
JUNE	Unit 8 : Small Business
JULY	Practical Examinations
SEPT.	Unit 5 : Emerging Modes of Business Unit 6 : Social Responsibility of Business and Business Ethics Unit 9 : Internal Trade
OCT.	Unit 10 : International Business Unit 4 : Business Services
NOV.	Unit 4 : to be continued Unit 3 : Public ,Private and Global Enterprises
DEC.	Unit 3 : to be continued
JAN.	Revision & Pre Board

INFORMATICS PRACTICES

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
APRIL	UNIT 1 – Basic computer Organization Introduction to PYTHON Data types and variables Operators Conditional statements	Programs like – Absolute value, Sort 3 numbers, Divisibility
MAY	Algorithm and flow charts Iterative statements Lists and Dictionary Text handling	Programs like – Interest Calculation, EMI, Tax Calculation Find maximum, minimum and mean, Linear search on a list of numbers
JUNE	Text handling (Continue) Modules	Programs like – Reverse of a string, String Palindrome
JULY	Practical Examinations	
SEP.	UNIT 2 – Data handling – Numpy Array and Series Data Structure	Programs like – Different ways to create Series Data Structure Series operations
OCT.	Data handling (Continue) – DataFrame Data Structure	Programs like – Different ways to create DataFrame Data Structure DataFrame binary operations
NOV.	UNIT 3 – Data management	Practical – SQL commands
DEC.	Data management (Continue) UNIT 4 – Society Law and Ethics Cyber Safety	Practical – SQL commands
JAN.	Revision & Pre Board	

COMPULSORY ARABIC

MONTH	TOPICS TO BE COMPLETED
APRIL	U1: في سبيل الله U2: جحا القاضي
MAY	U3: لمن الهدية
JUNE	Revision
JULY	Practical Examinations
SEPT.	U5: الدنانير الذهبية
OCT.	U6: هذا من فضل الله
NOV.	U7: صوم رمضان
DEC.	U8: دعاء الأم Revision
JAN.	Revision & Pre-board

ISLAMIC STUDIES

MONTH	TOPICS TO BE COMPLETED
APRIL	<p>Unit 1: Islamic (Al-Aqidah) (Islamic Creed): L1: The meaning and importance of Aqidah. L2: The knowledge of Aqidah. L3: The preservation of Aqidah L4: The Tawhid (Monotheism) L5: Categories of Tawhid</p>
MAY	<p>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.</p>
JUNE	<p>Unit3: Worship: (Ibadah): L1: The Meaning and Importance of Ibadah L2: The Forms of Ibadah. L3: The Concept of Ibadah</p>
JULY	Practical Examinations
SEPT.	<p>Unit 4: The Noble Quran: L1: SurahAl-Fatihah (Translation and Explanation) L2: SurahAl-Ikhlash (Translation and Explanation) L3: SurahAl-kafirun (Translation and Explanation)</p>
OCT.	<p>Unit 4: The Noble Quran: contd... L4: SurahAl-Falaq (Translation and Explanation) L5: SurahAl-Nas (Translation and Explanation)</p>
NOV.	<p>Unit 5: Hadith : L1: The importance of Intention. L2: Innovation in Religion.</p>

	L3: Refining the Soul L4: One's Relationship with Allah. L5: Faith is Love of Obedience.
DEC.	Revision
JAN.	Revision & Pre Board