



Pakistan International School, Al-Azizia, Jeddah
Scheme of Studies (Session 2023 - 2024) Class XI Science Group PG1

SUBJECT							
Events	Debate & Speech competition						
URDU	تعارف جماعت گیار بیوین مرسید احمد خان سقو۔ اپنی مدد اپ BTB سبق گزرا بوا زمانہ : مکالمہ اور محاورہ اور روز مرہ مقالہ نگاری ULS طلب و طلبات کا تعارف	مابر القادری حمد KPK میر تقی میر	غزل 1-2 KPK میر تقی میر BTB حمد کی تعريف مطلع مقطع کی تعريف ریف و فاقہ مشتقات نظم کی تعريف پاند نظم کی تعريف خط درخواست ، کہانی تکثیفہ — استخارہ ULS جماعت میں تقریری تقریری مقابلہ	مولوی ذکاء اللہ سینق:جوہری آدمی KPK خواندنگی دلیل کی تعریف خواندنگی BTB تعریف نہیں میں اسی تشریح اما اور ناظم مرکب مصادر مرکبات عطفی اور اصلانی جازی توصیفی مرکبات درخواست اور کہانی مقابلہ نعت خوانی ULS	محسن کاکوری نعت KPK TB حمد اور منقبت میں فرق شیوه اور استعارہ اور ارکان مرآۃالظہیر امدادی فعل خواجہ میر درد غزل KPK,BTB ULS MLI نغمون کا مقابلہ	ٹاکٹر غلام مصطفیٰ خان سینق:نظریہ پاکستان خواندنگی ٹاکٹر غلام مصطفیٰ خان سینق:نظریہ پاکستان خواندنگی با مطابقت بہ ادب کیا ہے تشریح امدادی فعل خواجہ میر درد غزل KPK,BTB ULS جماعت میں بیت بازی کرانا	
ENGLISH	The concept of SLO-based studies, along with relevant strategies, Modal paper and scheme of marks. Unit-1 KPK	Unit-2 KPK, A Psalm of Life (Poem BTB),	Unit-3 'Good Timber' Explanation and analysis of a figure of speech; give concept of stanza's comprehension questions, verbs: Gerund, Participle and infinitive, kinds of Nouns and pronouns, Translation from English to Urdu	unit-4 'From Mother....With Love' Reading comprehension and text analysis; CV / Resume writing	unit-5 'It's Country for Me' Reading comprehension and text analysis; Phrasal verbs, correct use of verbs	Unit-6 'Mother to Son' Explanation and analysis of a figure of speech; give concept of stanza's comprehension questions; Unit-7 'Choice of Career' Reading comprehension and text analysis; How to write a letter to the editor, etc. with examples	How to write a dialogue and deliver a complete lecture; Unit-8 'Wasteland' Reading comprehension and text analysis; Unit-9 'The White Lamb' Reading comprehension and text analysis
PHYSICS	Ch # 1... Measurements...Topics (1.1,1.2, 1.3, 1.4)...Practical (Measure Lengthand diameter of solid cylinder and hence estimate its volume quoting proper number of significant figures using vernier calipers)	Ch # 1... Measurements...Topics (1.5, 1.6, 1.7) ... Practical (Measure the diameter of a few ball bearings of different sizes and estimate their volumes. Also mention uncertainty.	Ch # 1... Measurements...Topics (1.8, 1.9 , Exercise , Numerical Questions) ...Practical (Determine the weight of a body by vector additionof forces)	Ch # 2... Vectors and Equilibrium...Topics (2.1, 2.2, 2.3 , 2.4 , 2.5 , 2.6 , 2.7) ... Practical (Determine the weight of a body by vector additionof forces)	Ch # 2... Vectors and Equilibrium...Topics (2.8 , 2.9 , 2.10 , 2.11 , Exercise , Numerical Questions)... Practical (Verify two conditionsof Equilibrium using suspended meter rod), Extra Topic: Law of Conservation of Momentum (Refrence Book)	Ch # 3... Motion and Force...Topics (3.1 , 3.2 , 3.3 , 3.4 , 3.5)... Practical (Verify two conditionsof Equilibrium using suspended meter rod), Extra Topic: Rocket Motion (Refrence Book)	Ch # 3... Motion and Force...Topics (3.6 , 3.7 , 3.8 , 3.9)... Practical (Investigate the value of "g;" by free fall method using electronic timer), Extra Topic: Rocket Motion (Refrence Book)
CHEMISTRY	Chapter 1 (1.1 - 1.5) + SLO based mcqs and numerical Problems + Practical #1 (Estimation Of Ba+2 Gravimetrically in a given solution	Chapter 2 (2.1 - 2.4.5) + Practical #2(Diffusion of gases)	Chapter 2(2.4.6 - 2.6.3) + SLO based numerical Problem and short question + Practical #3(Chromatography#1)	Chapter 2 (2.7.1 - 2.8.2) + SLO based questions + SAQ questions + Exercise Numerical Problems + Practical#4(Chromatography#2)	Chapter 3 (3.1.1 - 3.2.3 MOT+hybridization complete) + Practical#5 (Proving the loss of thermal energy)	Chapter 3 (MOT - 3.4 + Dipole Movement and application)+ SAQ + Practical#6 (Crystallization of benzoic acid from water)	Chapter 7 (7.1 - 7.5) + Practical#7 (application of common ion effect)
BIOLOGY	CH-1 Cell Structure & Functions (1.1 to 1.3) Practical #1	CH-1 Cell Structure & Functions (1.3.3 to 1.4) Exercises + SLO based Questions Practical #2	CH:2 Biological Molecules (2.1 to 2.5) Practical #3	CH-2 Biological Molecules (2.6 to 2.7) Exercises + SLO based Questions Practical #4,5	CH-3 Enzymes (3.1 To 3.5.1) Practical #6	CH-3 Enzymes (3.5.2) + Exercises + SLO based Questions Revision of Practical #6	CH-5 Acellular life (5.1 to 5.4) Revision of practical #3
ISLAMIAH	باب اول بنیادی عقائد، توحید شرک	رسالت کا مفہوم انبیاء و رسول کی خصوصیات۔ رسالت محمد صلی اللہ علیہ وآلہ وسلم کی خصوصیات ممالک،	اسلامی کتابیں اور قرآن مجید کی خصوصیات آخرت کا مفہوم، مذکورین آخرت کے شبیبات اور انکا فرقائی جواب	آخرت کی ابتدی انسانی زندگی پر عقیدہ آخرت کے اثرات۔ مباب اول اعادہ	باب چہارم تعارف حدیث، حدیث کی حفاظت تدوین حدیث	باب چہارم تعارف حدیث، حدیث کی حفاظت تدوین حدیث	منتخب آیات ۱ تا ۶
MATH				Unit#1 Complex Numbers	Unit#1 Complex Numbers + Unit#2 Matrices and Determinants	Unit#2 Matrices and Determinants	Unit#10, Trigonometric Identities of sum and Differences of angles
COMPUTER	Overview of Computer Systems (1.1.2 to 1.2.1) Practical #1	Overview of Computer Systems (1.2.2 to 1.2.5) Practical #2	Overview of Computer Systems (1.2.6 to 1.3.2) Practical #3	Computer Memory (2.1.1 to 2.1.3) Practical #4	Computer Memory (2.1.3 to 2.2.3) Practical #5	Computer Memory (2.3.1 to 2.3.3) Practical #6	Central Processing Unit (3.1.1 to 3.2.1) Practical #7

Summer Vacation (18-06-2023 to 17-08-2023)



Pakistan International School, Al-Azizia, Jeddah

Scheme of Studies (Session 2023 - 2024) Class XI Science Group

PG2

Half Yearly Exams (KGII-XII) (15-10-23 to 02/11/23)



Pakistan International School, Al-Azizia, Jeddah

Scheme of Studies (Session 2023 - 2024) Class XI Science Group

PG3

SUBJECT							
Events	Quaid,Iqbal,History & culture & pakistan Quiz	Science Exhibition		Boys Sports Week		Girls Sports week/Quaid day	
URDU	KPK 1 غزال غزل 1 غزل 2 ULS قواعد درانی	<p>مرزا غزال غزل 1 اور اقسام جملہ معتبر پڑھ تلمیع، تر صنیع، تلمیع، مرزا غزال BTB غزل 1,2,3 uls اقبال کے اشعار کا مقابلہ تدریم نمائی تعلیم بالغل</p>		<p>الطالب حسین حالی امید KPK مسلمانوں کا تبلیغ ماضی تفہیم و تشریح کپانی، خطہ برخواست uls لائزبری</p>	<p>ابن انشاء شیراز اور کنار آب رکنیابو غیرہ KPK چانے بو تو چین کو چانے BTB تفہیم و تشریح سفر نامے کی تعریف لفظ و نثر، صنعت الشتقاق ، امدادی فعل قواعد درانی ULS</p>	<p>اکبر الـ ایادی نصیحت اخلاقی KPK قومی BTB صنعت تکرار KPK حیطہ جاندھری جلوہ سحر BTB ULS شام قواعد درانی</p>	
ENGLISH	Unit-13 'Ozymandias' Vocabulary and Grammar; phrase and its kinds, kinds of pronouns, Translation; English to Urdu	<p>Unit-14: 'A Long Walk Home' Reading comprehension and text analysis and exercise; Definition of a clause and its kinds</p>		<p>Unit-15: 'University Days' Reading comprehension and text analysis & Exercise; Unit-14 (BTB) 'The Patriot' Explanation and analysis of a figure of speech; give concept of stanza's comprehension questions</p>	<p>Unit-16: 'School VS Education' Reading comprehension and text analysis and exercise; letter writing and Job application letter/ CV</p>	<p>Unit-17: 'What You Do Is What You Are' Reading comprehension and text analysis and exercise; Unit-18 'A Dream Within a Dream' Explanation and analysis of a figure of speech; give concept of stanza's comprehension questions</p>	<p>Unit-18 'A Dream Within a Dream' Explanation and analysis of a figure of speech; give concept of stanza's comprehension questions; Exercise: Vocabulary and grammar</p>
PHYSICS	Ch # 5... Circular Motion ...Topics (5.12 , 5.13 Exercise, Numerical Questions) Practical (Determination of frequency of A.C by Melde's apparatus / electric sonometer.)	<p>Ch # 6... Fluid Dynamics ...Topics (6.1 , 6.2, 6.3, 6.4, 6.5, 6.6) Practical (Determination of frequency of A.C by Melde's apparatus / electric sonometer.)</p>		<p>Ch # 6... Fluid Dynamics ...Topics (6.6 , 6.7, Exercise, Numerical Questions) Practical (Investigation of the laws of vibration of stretched strings by sonometer or electromagnetic method)</p>	<p>Ch # 7... Oscillation ...Topics (7.1 , 7.2, 7.3, 7.4, 7.5) Practical (Investigation of the laws of vibration of stretched strings by sonometer or electromagnetic method)</p>	<p>Ch # 7... Oscillation...Topics (7.6 , 7.7, 7.8, 7.9, 7.10, 7.11, Exercise, Numerical Questions)....Practical (Determine the wavelength of sound in air using stationary waves and to calculate the speed of sound using resonance tube.), Extra Topic: Horizontal Mass Spring System</p>	<p>Ch # 8... Waves ...Topics (8.1, 8.2, 8.3, 8.4)...Practical (Determine the wavelength of sound in air using stationary waves and to calculate the speed of sound using resonance tube.)</p>
CHEMISTRY	Chapter 5 (5.1 - 5.4.4) + Practical#13	<p>Chapter 6 (6.1 - 6.5.6) + Practical#14(Determination o heat of neutralization)</p>		<p>SLO based Questions for students Assesment + Practical#15(Standarizing the given solution)</p>	<p>Chapter 10 (10.1 - 10.2) + Practical#16(Determination of amount of iron)</p>	<p>Chapter 10 (10.2 - 10.4.1) +Practical#17(Perecentage determination)</p>	<p>Chapter 10 (10.4.2 - 10.5.3) + Practica#18(Mohrs Salt expriment)</p>
BIOLOGY	Ch:4 Bioenergetics (4.2.3 - 4.2.8) Revision of practical #7	<p>CH:4 Bioenergetics (4.2.9 - 4.3.2) + Exercises + SLO based Questions, Revision of Ch-4, Revision of practical #1,2</p>		<p>CH-7 Protists and Fungi (7.1 - 7.4) Practical #10</p>	<p>CH:7 Protists and fungi (7.4.7 - 7.6)+Exercises + SLO based Questions, Practical #11</p>	<p>CH:11 Digestion (11.1) Practical #19</p>	<p>Ch:11 Digestion (11.2)+Exercises + SLO based Questions, Revision of practical #11</p>
ISLAMAT	جہاد کا مفہوم، اقسام	<p>جہاد کی ابیت و فضیلت رسول کی محبت اور اطاعت</p>		<p>حقوق العباد، والدین، اور اولاد، زوجین کے حقوق</p>	<p>رشہ داروں کے حقوق اساتذہ کے حقوق بمساٹوں کے حقوق غیر مسلموں کے حقوق</p>	<p>معاشتی ذمہ داریاں محسن اخلاق، دینداری، ایقانے عبد، سجانی.</p>	<p>دول انصاف احترام قانون کسب حل، ایثار</p>
MATH	Unit #12 Graph of Trigonometric and Inverse Trigonometric Functions and Solutions of Trigonometric Equations	<p>Unit #12 Graph of Trigonometric and Inverse Trigonometric Functions and Solutions of Trigonometric Equations +Unit#4 Sequence and Series</p>		<p>Unit#4 Sequence and Series</p>	<p>Unit#4 Sequence and Series</p>	<p>Unit#5 Miscellaneous Series</p>	<p>Unit#9 Linear Programming</p>
COMPUTER	Network Communication and Protocols (5.1.5 to 5.2.1) Practical #12	<p>Network Communication and Protocols (5.2.3, 5.3.1, 5.3.2, 5.3.3, 5.3.4) Practical #13</p>		<p>Wireless Communication (6.1.1 to 6.1.6) Practical #14</p>	<p>Wireless Communication (6.1.7 to 6.3.2) Practical #15</p>	<p>Wireless Communication (6.3.3 to 6.4.1) Practical #16</p>	<p>Database Fundamentals (7.1.1 to 7.1.6) Practical #17</p>



Pakistan International School, Al-Azizia, Jeddah

Scheme of Studies (Session 2023 - 2024) Class XI Science Group

PG4

Preliminary Exam for classes XI-XII (19-02-2024 TO 14-03-2024)

Revision test 28-1-24 to 15-2-24

Winter Vacation (31-12-2023 to 11-01-2024)

SUBJECT							
Events			Qirat & Naat Competition	Kashmir day & Trip	Poetry & Spelling Bee		
URDU	KPK بالل کے کہنڑات BTB بیشیر احمد بلوج لرک کہانی لاجی و زیریج Kpk نیکو بدی لرک کہانی کی تعریف ULS سفر کے ذاتی تجربیات بیان کرنا	سید محمد جعفری پرانا کوٹ KPK+BTB سید ضمیر جعفری بی سے گین KPK ریل کا سفر BTB اینے مستقل کے بارے میں اینے خیالات کا اظہار کریں	سید محمد جعفری پرانا کوٹ KPK+BTB سید ضمیر جعفری بی سے گین KPK ریل کا سفر BTB کل بیمار کلوپی ULS BTB قرأت اینے جماعت میں	عبدالرحمن بابا اخلاص KPK+BTB درخواست نگاری کی تعریف مزما محمد سرحدی قطعات گل بیمار کلوپی ULS کا مقابلہ جماعت میں	KPK دبرانی درخواست مکالمہ روڈ کہانی خط گل بیمار کلوپی موضوع پر مختصر تقریر کا مقابلہ جماعت میں	KPK دبرانی	
ENGLISH	Unit-19: 'Drug Abuse in Youth of Pakistan' Reading comprehension and text analysis and exercise: vocabulary and grammar; Kinds of a Pronoun	Unit-20: 'How to Take a Job Interview' Reading comprehension and text analysis and exercise: vocabulary and grammar;	Unit-21 'The Road Not Taken' Explanation and analysis of a figure of speech; give concept of stanza's comprehension questions and exercise; Rules of punctuation Marks	Conditional sentences; Unit-16 (BTB) Play "The Rising of The Moon" Reading comprehension and text analysis	Unit-16 (BTB) Play "The Rising of The Moon" Reading comprehension and text analysis; Discussion of comprehension Questions	Discussion of Techniques; How to Attempt Question No.2; phrasal verbs and Use of Correct verb forms	
PHYSICS	Ch # 8... Waves...Topics (8.5, 8.6, 8.7, 8.8, 8.9, 8.10, 8.11, 8.12, 8.13).... Practical (Measure the mechanical equivalent of heat by electric method)	Ch # 8... Waves...Topics (8.13, 8.14, 8.15, 8.16, Exercise, Numerical Questions).... Practical (Measure the mechanical equivalent of heat by electric method)	Ch # 9... Physical Optics...Topics (9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 9.10)	Ch # 9... Physical Optics...Topics (9.11, 9.12, 9.13, Exercise, Numerical Questions)	Ch # 10... Thermodynamics...Topics (10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8)	Ch # 10... Thermodynamics...Topics (10.9, 10.10, 10.11, 10.12, 10.13, Exercise, Numerical Questions)	
CHEMISTRY	Chapter 11 (11.1 - 11.5.1) + Practical Revision	Chapter 11 (11.6 - 11.9) + SLO based questions + Practical Revision	Chapter 12 (12.1 - 12.2.2)+ Practical Revision	Chapter 12 (12.2.3 - 12.3.2)+ Practical Revision	Chapter 12 (12.3.3 - 12.3.4)+ Practical Revision	Revision	
BIOLOGY	CH:12 Circulation (12.1 - 12.2.7) Practical # 20,21	CH:12 Circulation (12.3 - 12.5)+ Exercises + SLO based Questions, Practical # 22,23	CH:8 Diversity among animals (8.1 - 8.4.6) Exercise + SLO based Questions, Practical # 12,13,14	CH:9 Diversity among plants (9.1 till end) Exercise + SLO based Questions, Practical # 15	CH:10 Form and functions of plants (10.1 to 10.7) Exercises + SLO based Questions, Practical # 16,17,18	REVISION	
ISLAMIAH	رذائل اخلاقی جهوت، غبیت، منافقت تکبیر، حسد	باب سوم اسوہ رسول صلی اللہ علیہ وآلہ وسلم رحمة للعلمائین باخوت مسوات	باب سوم اسوہ رسول صلی اللہ علیہ وآلہ وسلم صبر و استقلال غفر و درگز نکر	اعادہ	اعادہ	اعادہ	
MATH	Unit#7 Mathematical Induction and Binomial Theorem	Unit#7 Mathematical Induction and Binomial Theorem	Unit #6 Permutation, Combination and Probability	Unit#3 Vectors	Unit#3 Vectors + Unit#8 Functions and Graphs	Unit#8 Functions and Graphs	
COMPUTER	Database Fundamentals (7.1.7, 7.1.8, 7.2, 7.3) Practical #18	Database Fundamentals (7.4.1 to 7.5.2) Practical #19	Database Development (8.1.1 to 8.2.2) Practical #20	Database Development (8.2.3 to 8.3.3) Practical #21	Database Development (8.3.4, 8.3.5, 8.4.1, 8.4.2, 5.5.1, 5.5.2) Practical #20	REVISION	

Preliminary Exam for classes XI-XII (19-02-2024 TO 14-03-2024)