

BLOCK SYLLABUS FOR CENTRALIZED FIRST TERM EXAMINATION**Classes XI – XII**

Ser	Class XI	SLOs / Concepts Note: Topics/ Concepts/ Chapters taught during 1 st Term are part of Exam Syllabus. All the papers will be set according to latest FBISE Paper Pattern.		
1.	Math	Chapter 3: Matrices & Determinant Chapter 4: Quadratic Equations Chapter 5: Partial Fractions Chapter 6: Sequence & Series Chapter 9: Fundamental of Trigonometry Chapter 10: Trigonometric Identities Chapter 11: Graph of Trigonometric Functions Chapter 12: Application of Trigonometry Chapter 13: Inverse Trigonometric Functions		
2.	English	<table border="1"><tr><td data-bbox="448 925 828 1641"> Parts of Speech Phrases & Clauses Synthesis of Sentences Sentence and its Types Subject & Predicate Spelling & Vocabulary Transitional devices Punctuation Verbs & Tenses</td><td data-bbox="828 925 1479 1641"> Poem (Comprehension Questions, Poetic devices) Unseen Comprehension Passage + Summary Play (General questions) Genres of Literature Resume Writing, Application Writing Translation (English to Urdu) Letter writing Dialogue Writing Active and Passive Voice Sentence Structure Phrasal Verbs</td></tr></table>	Parts of Speech Phrases & Clauses Synthesis of Sentences Sentence and its Types Subject & Predicate Spelling & Vocabulary Transitional devices Punctuation Verbs & Tenses	Poem (Comprehension Questions, Poetic devices) Unseen Comprehension Passage + Summary Play (General questions) Genres of Literature Resume Writing, Application Writing Translation (English to Urdu) Letter writing Dialogue Writing Active and Passive Voice Sentence Structure Phrasal Verbs
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3.	Physics	Unit 1: Measurement Unit 2: Vectors and Equilibrium Unit 3: Motion and Force Unit 4: Work and Energy Unit 5: Rotational and Circular Motion Unit 6: Fluid Dynamics		

4.	Biology	Unit 1: Cell Structure & Functions Unit 2: Biological molecules Unit 3: Enzymes Unit 4: Bioenergetics Unit 5: Acellular life Unit 6: Prokaryotes Unit 7: Protists and Fungi Unit 8: Diversity among Plants Unit 9: Diversity among Animals Unit 10: Forms & Functions in Plants
5.	Chemistry	Unit 1: Stoichiometry Unit 2: Atomic structure Unit 3: Theories of Covalent Bonding Unit 4: States of Matter I : Gases Unit 5: States of Matter II : Liquids Unit 6: States of Matter III : Solids Unit 7: Chemical Equilibrium Unit 8: Acids, Bases and Salts Unit 9: Chemical Kinetics
6.	Computer Science	Chapter 1: Overview of Computer System Chapter 2: Computer Memory Chapter 3: Central Processing Unit Chapter 4: Inside System Unit Chapter 5: Network Communication and Protocols
7.	Urdu	حصہ نثر: سر سید احمد خان، مولوی ذکاء اللہ، ڈاکٹر غلام مصطفیٰ خان، ڈاکٹر سید عبداللہ، ڈاکٹر عبادت بریلوی، مشتاق احمد یوسفی، رتن ناتھ سرشار، خدیجہ مستور، آغا حشر کاشمیری، خواجہ معین الدین۔ حصہ نظم: ماہر القادری، محسن کاکوروی، نظیر اکبر آبادی، میر حسن، مرزا دبیر، الطاف حسین حالی، اکبر الہ آبادی، حفیظ جالندھری، سید محمد جعفری۔ حصہ غزل: میر تقی میر، خواجہ میر درد، غلام ہمدانی مصحفی۔ تواند و انشاء: روزمرہ اور محاورہ، وصفی الفاظ، متعلق فعل، علم بیان کی اصطلاحات، فعل اور امدادی فعل، مرکب مصادر، اصناف سخن (نظم و نثر)، صنائع بدائع، تلخیص نگاری، درخواست نویسی، مضمون نویسی، خطوط نویسی، روداد نویسی، کہانی نویسی
8.	Islamiyat	باب اول: بنیادی عقائد: توحید، رسالت، ملائکہ، آسمانی کتابیں اور آخرت باب دوم: اسلامی شخص: ارکان اسلام، اللہ تعالیٰ اور رسول اللہ ﷺ کی محبت و اطاعت، حقوق العباد اور معاشرتی ذمہ داریاں منتخب آیات: اسے ۶ تک منتخب احادیث: اسے ۶ تک

BLOCK SYLLABUS FOR CENTRALIZED FIRST TERM EXAMINATION

Ser	Class XII	SLOs / Concepts	
		<p>Note: Topics/ Concepts/ Chapters taught during 1st Term are part of Exam Syllabus.</p> <p>All the papers will be set according to latest FBISE Paper Pattern.</p>	
1.	Math	Chapter 1: Functions and Limits Chapter 2: Differentiation Chapter 3: Integration Chapter 4: Introduction to Analytic Geometry	
2.	English	<ul style="list-style-type: none"> Parts of Speech Phrases & Clauses Synthesis of Sentences Sentence and Its Types Subject & Predicate Spelling & Vocabulary Transitional devices Punctuation Verbs & Tenses 	<ul style="list-style-type: none"> Idioms Unseen Comprehension Passage + Summary Poem (comprehension questions, Poetic devices) Novel (General Questions) Genres of Literature Narration /Direct Indirect Essay writing Report Writing Sentence Structure, Tenses Parts of Speech
3.	Physics	Unit 11: Electrostatics Unit 12: Current Electricity Unit 13: Electromagnetism Unit 14: Electromagnetic induction Unit 15: Alternating Current Unit 16: Physics of Solids	
4.	Biology	Unit 14: Respiration Unit 15: Homeostasis Unit 16: Support and Movement Unit 17: Nervous Coordination Unit 18: Chemical coordination Unit 19: Behaviour Unit 20: Reproduction Unit 21: Development and Aging Unit 22: Inheritance Unit 23: Chromosomes and DNA	

5.	Chemistry	Unit 15: Organic Compounds Unit 16: Hydrocarbons Unit 17: Alkyl Halides and Amines Unit 18: Alcohols, Phenols, Ethers Unit 19: Aldehydes and Ketones Unit 20: Carboxylic Acid Unit 21: Biochemistry Unit 22: Industrial Chemistry Unit 24: Analytical Chemistry
6.	Computer Science	Chapter 1: Operating System Chapter 2: System Development Life Cycle Chapter 3: Object Oriented Programming in C++ Chapter 4: Control Structures Chapter 5: Arrays and Strings
7.	Urdu	حصہ نثر: شبلی نعمانی، مہدی افادی، خواجہ حسن نظامی، مولانا صلاح الدین، محمد حسین آزاد، ڈاکٹر وزیر آغا، سعادت حسن منٹو، احمد ندیم قاسمی، غلام عباس، شوکت صدیقی، اشفاق احمد، الطاف فاطمہ۔ حصہ نظم: علامہ اقبال، اختر شیرانی، جوش ملیح آبادی، میراجی، ن۔م راشد حصہ غزل: علامہ اقبال، فیض احمد فیض، احمد ندیم قاسمی، ناصر کاظمی، شکیب جلالی۔ قوائد و انشاء: صنعتِ تجنیس، صنعتِ تضاد، صنائعِ بدائع کی شناخت، رموزِ اوقاف، فعل اور امدادی فعل، متعلق فعل، قواعد کی نشاندہی، علم بیابان کی اصطلاحات عام اور ادبی تحریروں میں امتیاز، شعری اصطلاحات، تبصرہ، مضمون نویسی / رسید لکھنا، آپ بیتی۔
8.	Pakistan Studies	Chapter 1: Genesis of the Islamic Republic of Pakistan Chapter 2: Initial Problems of the Islamic Republic of Pakistan Chapter 3: Geography of the Islamic Republic of Pakistan Chapter 4: Steps towards Islamic Republic of Pakistan Chapter 5: Administrative Structure of Pakistan and the Concept of Good Governance Chapter 6: Culture of the Islamic Republic of Pakistan