#### SYLLABUS FOR PLACEMENT TEST – GRADE 3 SUBJECT PORTION

English	Common Noun & Proper Noun, Prepositions, Opposites, Verbs, Adjectives, Make sentences, Composition, Jumbled Sentences.
Mathematics	Addition (carrying), Subtraction (borrowing), Multiplication (carrying), Division (simple), Word problem (Addition, Subtraction, Multiplication or Division), Tables (1-12), Numeration and Notation (up to Thousands)
Urdu	Urdu alphabets ( ا-ے) Singular/ Plural, Opposites, Masculine / Feminine, Make Sentences, Join the alphabets correctly to make a word (توڑ جوڑ) xxxxxx

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#### SYLLABUS FOR PLACEMENT TEST – GRADE 4 SUBJECT PORTION

English	Grammar	Common Noun & Proper Noun, Singular & Plurals, Verbs – Usage & Conjugation, Tenses (Simple Past, Simple Present), Subject verb agreement, Prepositions, Pronoun, Adjectives, Adverbs, Punctuations, Prefixes & Suffixes, Composition.
	Comprehension	Unseen Passage followed by questions.
Mathematics		<b>Numeration and notation</b> (up to a hundred thousand). <b>Multiplication (</b> up to thousands with a single digit and double digit). <b>Division</b> – Long divisions, Addition &Subtraction with borrowing. <b>Time</b> - to write the time in figures and in words and to read the time. <b>Fractions</b> -reducing the fraction to the lowest form of addition and subtraction of like fraction and equivalent fractions.
Urdu		Sentences, Opposites. Draw a circle on the correct spelled word, Singular/Plurals, Masculine and feminine Gender.

#### SYLLABUS FOR PLACEMENT TEST – GRADE 5 SUBJECT PORTION

English	Nouns, Verbs, Adjectives, Adverbs, Pronouns (Subject & Object), Present & Past Tense, Articles, Unseen Passage, Paragraph Writing, Prepositions, Subject verb agreement. Adjectives (Comparative and Superlative), Suffixes and Prefixes, punctuation marks & plurals.
Mathematics	<b>Numeration and Notation</b> (up to one million), Addition and Subtraction, Multiplication, Division of numbers and word problems) <b>Multiples &amp; Factors</b> (rules of divisibility, prime and composite numbers) <b>Fractions</b> (like, unlike equivalent fractions), <b>Decimals</b> (+, -, ×, $\div$ )
Urdu	Make Sentences, Singular/ Plurals, Masculine & Feminine Gender, Opposites, Write 5 sentences on the Topic :Myself

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#### SYLLABUS FOR PLACEMENT TEST - GRADE 6 SUBJECT PORTION

English	Nouns, Verbs, Adjectives, Adverbs, Pronouns, Articles, Prepositions, Composition, Comprehension, Present Tense, Past Tense, Future Tense, Active & Passive Voice, Types of sentences (Simple, Compound & Complex)
Mathematics	Whole numbers and operations (up to one million +, -, ×, ÷), Fractions and Decimals (Addition, Subtraction, Multiplication and Division), Multiples and Factors (factorisation, LCM, HCF) Perimeter and Area (squares and rectangles and composite shapes), Geometry (types of triangles, supplementary, complementary and adjacent angles),
Urdu	Make Sentences, Singular/ Plurals, Masculine & Feminine Genders, Opposites, Comprehension, Write 8 sentences on the topic: My School.

#### SYLLABUS FOR PLACEMENT TEST – GRADE 7 SUBJECT PORTION

English	Tenses, Active & Passive Voice, Direct & Indirect Speech, Noun form of words, Conditional & Modal Verbs, Relative Pronouns, Singular & Plural, Prepositions, Similes, Metaphors & Personification, Synonyms, Prefixes & Suffixes, Types of sentences (Simple, Compound & Complex). Comprehension, Essay, Letter Writing.
Mathematics	<b>Fractions</b> (+, -, ×, ÷, BODMAS rule), <b>Decimals</b> , <b>Directed Numbers</b> , <b>Area</b> (Rectangle, Square, Triangle & Compound Figures), <b>Introducing Algebra</b> , <b>Area &amp; Volume</b> (Changing units) <b>Find the value of angles</b> (Linear pair, Angles in a triangle, Parallel lines).
Urdu	Make Sentences, Singular/Plurals, Opposites, Masculine and feminine Gender, Comprehension, Write a paragraph on the topic :My favorite personality, Translate in Urdu

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#### SYLLABUS FOR PLACEMENT TEST – GRADE 8 SUBJECT PORTION

English	Comprehension, Tenses, Reported Speech, Active and Passive Voice, Relative Pronouns, Synonyms & Antonyms, Similes, Metaphor, Alliteration & Personification, Prefixes & Suffixes, Parenthetical phrases, Adverbs & Adverbial phrases, Prepositions, Homophones, Apostrophes & Contractions.
Mathematics	Working with numbers (Indices), Introducing percentages & Percentage Increaseand Decrease, Equations and Formulae, Ratio, Area of compound figures, Pythagoras' Theorem, Trigonometry – sine, cosine, tangent, Circles Circumference and Area.
Urdu	Make Sentences, Singular/ Plurals, Opposites, masculine and feminine gender, Comprehension, Essay writing, letter writing, rewrite the sentences correctly, translate in Urdu.

# SYLLABUS FOR PLACEMENT TEST – GRADE 9 SUBJECT PORTION

English		Reading: Comprehension (unseen passage) Writing: Informal writing (letter/e-mail)
Mathematics		Equations, Inequalities and Formulae, Percentages, Straight line graphs, Simultaneous Equations, Angles in Circles, Algebraic Products, Algebraic Factors,Quadratic Equations, Polygons, Inequalities and Regions and Algebraic Fractions.
Science	Physics	<ul> <li>Waves</li> <li>i. Describing waves- Transverse and Longitudinal</li> <li>ii. Describe the features of a wave in terms of wavefront , wavelength , frequency , crest, trough , amplitude and wave speed</li> <li>iii. Speed, frequency and wavelength. Use the equation for wave speed v = f λ</li> <li>iv. Explaining wave phenomena:</li> <li>Reflection of ripples</li> <li>Refraction of ripples due to a change in speed caused by a change in depth.</li> <li>Diffraction of ripples due to a gap</li> </ul>
	Chemistry	<ul> <li>States of Matter</li> <li>Atomic Structure</li> <li>Chemical Bonding</li> <li>Acids and Bases</li> <li>Periodic Table</li> <li>Reactivity of Metals</li> <li>Separation and Chromatography</li> </ul>
	Biology	<ul> <li>Cells: Types, organelles and their function. Tissues, organs and organ system.</li> <li>Human body systems: Digestive system, Respiratory System and circulatory system.</li> </ul>