



# Programmer Girls School

## SYLLABUS FOR ADMISSION TEST

Class KG – I

Test Duration: 2 hours

(9:00 – 11:00)

Total Marks:50

### English:

- Small alphabets a to z
- Recognition a to z
- Matching letters with pictures
- Blank spaces
- Beginning letters with the help of pictures

### Mathematics:

- Counting in figures 1 to 20 (written)
- Blanks spaces
- Matching of similar numbers.
- Count and Write

اُردو: (تحریری)

الف سے ض تک حروف تمہجی

ایک جیسے حروف کو ایک دوسرے سے ملانا

حروف کو صحیح تصاویر سے ملانا

خالی جگہ پُر کرنا



# Programmer Girls School

## SYLLABUS FOR ADMISSION TEST

### Class KG – II

Test Duration: 2 hours

(9:00 – 11:00)

Total Marks: 50

### English:

- Capital letters A to Z
- Writing of alphabets (small/lower case)
- Recognition of letter sounds.
- Joining & disjoining letters
- Identify and writing the beginning letters with the help of pictures
- Matching of the alphabets with the allied pictures
- Reading & matching the common vocabulary (fruits, vegetables, animals & objects)
- Reading of the given passage
- Writing of three letters words with the help of the given pictures.

### English Speaking Skills:

- Simple oral conversation & age appropriate vocabulary.
- (What is your name?/ mother's name/ father's name/brother's name/sister's name & School's name. How old are you? What is your favourite game / toy/ Fruit/ vegetable/ food/ drink etc.)
- Talking about the given picture or object.

### Oral vocabulary (at least 10 from each topic)

- Name of things in the environment/ vegetables/fruits/animal

### اُردو (تحریری):

#### زبانی اظہار

- \* ماحول میں موجود چیزوں کے نام، پھلوں کے نام، سبزیوں کے نام، جانوروں کے نام
- \* دی گئی عبارت پڑھنا
- \* دکھائی گئی تصویر کے بارے میں گفتگو

\* حروفِ تہجی کی لکھائی اور پہچان۔

\* حروفِ تہجی کو تصویر سے ملانا

\* دی گئی تصویر پہچان کر پہلا حرف لکھنا

\* حروفِ تہجی میں زیر، زبر اور پیش کا استعمال

\* دیئے گئے حروف سے شروع ہونے والی

تصویر پر دائرہ بنائیں

### Mathematics:

#### Written:

- Filling the missing numbers from 1 – 50
- Counting In words 1 – 20
- Count and write
- Counting & matching the correct number with the help of the given objects.

#### Oral:

- Oral counting from 1 – 100
- In words counting 1 – 10



# Programmer Girls School

## SYLLABUS FOR ADMISSION TEST

Class – I

Test Duration: 3 hours

(9:00 – 12:00)

Total Marks:50

### English Reading & Writing Skills:

- Lower & Upper case letters
- Reading of the given passage.
- Writing of the (5) five sentences on the given picture.
- Writing three letters words with the help of given picture.
- Picture comprehension through questions/filling blanks.
- Singular/Plural
- Words/Opposites
- Masculine/Feminine
- Uses of a/an
- Vowels

### English Speaking Skills:

- Simple oral conversation & age appropriate vocabulary.

### اُردو تحریری

❖ الف سے لے کر تک حروفِ تمہجی

❖ دو اور تین حرفی الفاظ کا توڑنا اور جوڑنا

❖ اُردو گنتی ۱ سے ۱۰ تک (ہندسوں اور لفظوں میں)

❖ ہیں اور ہے کا استعمال

❖ تصویر دیکھ کر سوالات کے جوابات دینا خالی جگہ پُر کرنا

❖ تصویروں میں موجود چیزوں کے نام لکھنا۔ (مختلف اشیاء، پھلوں، جانوروں، سبزیوں وغیرہ کے نام)

❖ دی گئی تصویر کے بارے میں پانچ جملے لکھو۔

### زبانی:

### Mathematics:

- Counting 1 – 500
- Backward counting 100 – 1
- Counting in words 1 – 20
- Filling the missing numbers 1 – 100
- Table 2 to 3
- Sums of Addition, Subtraction, Multiplication ( Single digit number)

❖ دی گئی عبارت کو پڑھنا



# Programmer Girls School

## SYLLABUS FOR ADMISSION TEST

Class – II

Test Duration: 3 hours

(9:00 – 12:00)

Total Marks:50

### English Reading & Writing Skills:

- Definition Noun, Verb & Prepositions
- Picking capability of nouns and verbs from given sentences.
- Uses of is, are, have, has, that, this, these, those.
- Paragraph writing on a given picture
- Picture comprehension through written questions & filling blanks
- Paragraph Comprehension through written questions & filling blanks
- Reading of the given passage
- Translation
- Singular/Plural
- Words/Opposites
- Masculine/Feminine
- Uses of a/an
- Vowels

### English Speaking Skills:

- Simple oral conversation & age appropriate vocabulary.

### اُردو تحریری

- ❖ اسم اور فعل کی تعریف معہ مثالوں کے
- ❖ عبارت پڑھ کر سوالات کے جواب دینا خالی جگہ پُر کرنا
- ❖ تصویر دیکھ کر سوالات کے جواب دینا خالی جگہ پُر کرنا
- ❖ اُردو میں گنتی ۱ سے ۳۰ تک (ہندسوں اور لفظوں میں)
- ❖ مضمون نویسی - واحد جمع - مذکر مؤنث - جملے بنانا
- ❖ دی گئی تصویر کے بارے میں پانچ جملے لکھنا۔

### زبانی: دی گئی عبارت کی بلند خوانی

### Mathematics:

- Counting 1 – 500
- Backward counting 100 – 1
- Counting in words 1 – 100
- Even & Odd numbers upto 100
- Table 2 to 6
- Addition of two digits with & without carrying over including word problems
- Subtraction of two digits with & without borrowing including word problems.
- Multiplication of two digit numbers by one digit.
- Division



# Programmer Girls School

## SYLLABUS FOR ADMISSION TEST

### Class – III

**Test Duration: 3 hours**

**(9:00 – 12:00)**

**Total Marks:75**

### **English :**

- Definition of Noun, Verb & Adjective with exercises
- Making sentences of common words
- Simple sentences of Noun and Pronoun.
- Uses of a, an, is, are, has, have
- Preposition (in, on, under)
- Helping verbs (is, are am)
- Numbers, Gender, Opposite
- Picture comprehension through question answer
- Paragraph comprehensions (Questions based on given text to check comprehension skills).
- Paragraph writing on a given picture / topic
- Translation from Urdu to English (State Verb)

### **اُردو تحریری:**

- ❖ اسمِ فعل اور صفت کی تعریف مع مثالوں کے اور مشقوں کے
- ❖ عبارت پڑھ کر سوالات کے جوابات دینا
- ❖ تصویر دیکھ کر سوالات کے جواب لکھنا
- ❖ دی گئی تصویر عنوان کے بارے میں مضمون تحریر کرنا
- ❖ اُردو میں گنتی ۱ سے ۵۰ تک (ہندسوں اور الفاظ میں)
- ❖ جملے بنانا

- Table 2 to 10
- Number in figures ( 1 – 100)
- Even & Odd numbers up to 100
- Ascending & Descending order
- Counting in words up to thousands
- Addition of 3 digits with & without carrying over including word problems
- Subtraction of 3 digits with & without borrowing including word problems.
- Multiplication of two digits by one digit including word problems.
- Division of 2 digit numbers by one.
- Definition & construction of line & point



# Programmer Girls School

## SYLLABUS FOR ADMISSION TEST

Class – IV

Test Duration: 3 hours

(9:00 – 12:00)

Total Marks:75

### English :

- Definition of Noun, Pronoun, Verb, Adjective, & Prepositions
- Articles
- Gender, Numbers & Opposites
- Paragraph comprehension through question/answer
- Story or paragraph writing on certain topic or using given picture

اُردو تحریری:

- ❖ اسم، صفت، کلمہ، مہمل کی تعریف مع مثالوں اور مشتقوں کے
- ❖ عبارت پڑھ کر سوالات کے جوابات تحریر کرنا
- ❖ دینے گئے عنوان پر کہانی یا مضمون تحریر کرنا
- ❖ ایک سے پچاس تک گنتی
- ❖ واحد جمع، مذکر مؤنث،
- متضاد الفاظ

### Mathematics:

- Even /Odd numbers
- Place value up to 6 digits numbers
- Addition and subtraction of 4 digit numbers
- Multiply 4 digit numbers with 2 digit numbers
- Divide 2 digit numbers with 1 digit numbers with & without remainder
- Express Fraction using figure
- Identify equivalent fraction
- Differentiate between proper & improper fraction
- Compare fraction with same denominator
- Addition / subtraction of fraction with same denominators
- Calculate the perimeter of square, rectangle & triangle
- Identify radius and diameter of circle, circumferences
- Definition with Construction line, Line Segments



# Programmer Girls School

## SYLLABUS FOR ADMISSION TEST

Class – V

Test Duration: 3 hours

(9:00 – 12:00)

Total Marks:75

### English :

- Definition of Noun, Pronoun, Verb, Helping verb, Adjective & Prepositions
- Articles, punctuation, plurals, gender
- Tenses: Present (indefinite) Positive, Negative & interrogative
- Paragraph comprehension through question/answer
- Paragraph Writing , Letter , Application

اُردو تحریری:

- ❖ اسم، صفت، فعل کی تعریف معہ مثالوں اور مشتقوں کے
- ❖ عبارت پڑھ کر سوالات کے جوابات تحریر کرنا
- ❖ دیئے گئے عنوان پر کہانی یا مضمون تحریر کرنا
- ❖ واحد جمع، مذکر مؤنث، متضاد الفاظ - مترادف الفاظ.
- ❖ درخواست - خط نویسی

### Mathematics:

- Number in Pakistani & International place value system
- Addition & Subtraction of 6 digit numbers
- Multiply 6 digit numbers with 2 digit numbers
- Divide 6 digit numbers with 1 digit number with & without remainder
- Multiple of 1 to 16
- Factors of 2 digit numbers
- Prime/ Composite numbers
- Find HCF /LCM by listing & prime factorization method
- Types of fraction & inter conversion
- Addition & subtraction of fraction
- Calculation of perimeter and area of squares and rectangles



# Programmer Girls School

## SYLLABUS FOR ADMISSION TEST

Class – VI

Test Duration: 3 hours

(9:00 – 12:00)

Total Marks:75

### English :

- Parts of speech (Definition with examples)
- Tenses : [Indefinite and Continuous]
- Articles,
- Antonym , synonym
- Paragraph comprehension through question/answer

اُردو تحریری

- ❖ صفت و موصوف کی پہچان
- ❖ واحد جمع، مذکر مؤنث، متضاد الفاظ -
- ❖ ایک سے سو تک گنتی ( ہندسوں اور لفظوں میں)

- ❖ اسم، فعل، حرف جاء اور ضمیر کی
- تعریف معہ مثالوں اور مشقوں کے
- ❖ اسم معرفہ اور اسم نکرہ کی تعریف معہ مثالوں کے
- ❖ عبارت پڑھ کر سوالات کے جوابات تحریر کرنا

### Mathematics:

- Multiply up to 6 digits number with 3 digits number
- Divide 6 digits number with 2 digit number with & without remainder
- Algebraic Expressions
- Divisibility Rules of 2, 3, 5, 10, 12, 25
- BODMAS
- Round off to nearest 10, 100 & 1000
- Find HCF /LCM
- Average
- Comparing fraction, decimal fraction, and percentage
- Inter – Conversion: fraction, decimal fraction, percentage
- Unit conversion of length/ mass/volume/time
- Calculation of perimeter & area of circle, squares, rectangle and triangles, (point, line)
- Adjacent, complementary and supplementary angles

### General Science:

- Feature of living things \* Function of root, stem and leave
- Difference between vertebrates and invertebrates with three examples
- **Matter:**
  - (a) Definition
  - (b) Three states of matter. ( with examples)
  - (c) Definitions of different groups of matter such as elements, mixtures, and compound.
  - (d) Differences between metal & non-metals with examples
  - (e) Physical & Chemical changes
- Energy & its types





# Programmer Girls School

## SYLLABUS FOR ADMISSION TEST

Class – VII

Test Duration: 3 hours

(9:00 – 12:00)

Total Marks:75

### English :

- Parts of speech (Definition with examples)
- Tenses ( indefinite, continuous, perfect)
- Articles
- Antonym , synonym
- Translation (tenses)
- Paragraph comprehension through question/answer
- Story paragraph writing on certain topic or using given picture
- Voice and narration

اُردو تحریری:

- ❖ سابقے و لاحقے
- ❖ واحد جمع، الفاظ ضد، مذکر مؤنث، مترادف الفاظ
- ❖ مضمون نویسی، خط نویسی،

- ❖ اسم، ضمیر، فعل، فاعل، مفعول کی
- ❖ تعریف اور جملوں میں ان کی پہچان
- ❖ عبارت پڑھ کر سوالات کے جوابات تحریر کرنا
- ❖ دیئے گئے عنوان پر کہانی تحریر کرنا

### Mathematics:

- Sets.
- Prime factorization
- Common fraction
- Basic Algebra ( 4 operations)
- Rational numbers( 4 operation & word problems)
- Linear and simple equation
- Square & Square root, Cube & Cube root
- Unitary Method
- Inter – Conversion: 21hr & 24hr clock
- Basic properties Triangle & Quadrilateral
- Perimeter and area of parallelogram and trapezium

### General Science:

- Feature of Mammals with five examples
- Speed, distance and time along with definitions and numerical.
- Difference between Compound and Mixture
- Components of food with their sources
- **Water:** Properties of water composition of water
- Difference between flowering & non-flowering plants
- Note on Algae-



# Programmer Girls School

## SYLLABUS FOR ADMISSION TEST

Class – VIII

Test Duration: 3 hours

(9:00 – 12:00)

Total Marks: 100

### English :

- Paragraph comprehension through question/answer. \* Voice & Narrations
- Paragraph writing on certain topic or using given picture \* Application, letter
- Parts of speech definitions with examples \* Antonyms / Synonyms \* Tenses

### اُردو تحریری:

- ❖ زمانے کے لحاظ سے فعل کی حالتیں
- ❖ ضرب الامثال اور محاورات کا جملوں میں استعمال
- ❖ واحد جمع، مذکر مؤنث، متضاد الفاظ - مترادف الفاظ
- ❖ عبارت پڑھ کر سوالات کے جوابات تحریر کرنا
- ❖ مرکب اضافی و توصیفی، سابقہ لاحقہ
- ❖ دیئے گئے عنوان پر کہانی یا مضمون تحریر کرنا
- ❖ اسم ضمیر
- ❖ اشعار کی تشریح

### Mathematics:

- Sets ( complement, union, intersection, power set, subset)
- Simplification of linear expression with fractional coefficient
- Conversion of unit of area and volume
- Square root , Cube root
- Algebraic Sentences ( Addition, Subtraction, Division, Multiply, Brackets, find the square of)
- Area and perimeter of plane figure( square, triangle, rectangle, circle)
- Construction of equation or formula
- Volume & Surface Area of Cube, Cuboids and cylinder

### Science:

- **System of body:** Circulatory System, Respiratory System, Digestive System
- Importance of Vitamins with their sources & deficiencies.
- **Differences:** between Unicellular & Multicellular organism with examples.
- **Plants Reproduction:** parts of flower, germination and pollination
- **Feeding relationship:** producers, consumers, decomposers, food chain and food web
- **Atoms:** Particles of atoms, filling of electrons in shells, atomic number and mass number chemical formula.
- **Method of Separating Mixture:** Filtration, Evaporation, Distillation & Crystallization
- **Matter:** Solid, liquid, gas, physical and chemical changes.
- **Materials & their types:** Transparent, Translucent, Opaque
- **Heat:** modes of transfer of heat.
- Force, pressure, work ( definitions, formula, numerical )
- **Dispersion of light:** Refraction, spectrum, lenses and its types.
- **Electric current:** Conductors and insulators, simple circuit, series and parallel circuit



# Programmer Girls School

## SYLLABUS FOR ADMISSION TEST

Class – IX

Test Duration: 3 hours

(9:00 – 12:00)

Total Marks: 100

### English :

- Tenses
- Voice, Narration
- Preposition, Article, Conjunction,
- Translations
- Essay
- Application
- Letter

### اردو تحریری:

- ❖ الفاظ کے معانی کے لحاظ سے اسم کی اقسام
- ❖ مترادف الفاظ - مترادف لاحقہ
- ❖ اسم معرفہ اور نکرہ کی مشتق
- ❖ ضرب الامثال و محاورات کے معنی و
- ❖ مضمون نویسی
- ❖ جملے
- ❖ خطوط نگاری
- ❖ اشعار و بند کی تشریح
- ❖ درخواست

### Mathematics:

- Sets ( complement, union, intersection, power set, subset)
- Factorization, {(G.C.D & L.C.D), Algebra}
- Angles, properties of rectangle, parallelogram,
- Surface area of sphere

### General Science:

- **Human body:** Disorders of Digestive system, Respiratory System
- **Human eye:** Description with diagram
- **Atom:** structure subatomic particle with diagram
- **Structure of Seed:** description with diagram
- **Physical Quantities:** Time, mass, length, Temperature, their symbols, S.I units, Numerical
- **Electric current:** Conductors and insulators
- **Commercial uses of lenses:** concave convex lens and their properties.
- Lime stone & Carbon dioxide