

**USWA COLLEGE ISLAMABAD**  
**Syllabus of English for Entry Test Class 6<sup>th</sup>**

1. Forms of Verbs
2. Basic Parts of speech
3. Tenses (Present Indefinite, Present Continuous, Past Indefinite, Past Continuous)
4. Singular/plural
5. Masculine/ Feminine
6. Simple Sentence Structure
7. Punctuation marks
8. Translation Urdu to English
9. Translation English to Urdu

**Application Writing:**

1. To the Head Master for sick leave
2. To the Head Master for fee concession
3. To the Head Master for leave to attend a marriage

**Essay Writing:**

- |                             |                   |                       |
|-----------------------------|-------------------|-----------------------|
| 1. The Holy Prophet (S.A.W) | 2. The Holy Quran | 3. The Quaid-e-Azam   |
| 4. The Flag                 | 5. My Family      | 6. My Favourite Fruit |
| 7. My School                |                   |                       |

**Story Writing:**

- |                              |                           |                           |
|------------------------------|---------------------------|---------------------------|
| 1. Thirsty Crow              | 2. Farmer and his sons    |                           |
| 3. Bee and Dove              | 4. The strange Hen        |                           |
| 5. The Tortoise and the Hare | 6. The Dog and the Shadow | 7. The Lion and the Mouse |

**Paper Pattern for Class 6<sup>th</sup>**

Jumbled Sentences	(05 Marks)	Correct Form Of verb	(05 Marks)
Do as directed	(05 Marks)	Name the Part of Speech	(05 Marks)
Tenses and Sentences	(05 Marks)	Change the voice	(05 Marks)
Translate into Urdu	(05 Marks)	Translate into English	(05 Marks)
Number,Gender,Spelling,Synonyms,Antonyms			(05 Marks)
Read the passage below and answer the following questions			(05 Marks)
Write Application, letter or Story			(10 Marks)

**USWA COLLEGE ISLAMABAD**  
**Syllabus of Mathematics for Entry Test Class 6<sup>th</sup>**

The students should know

- Whole Numbers (Operations on Whole Numbers, Number Patterns etc)
- HCF and LCM of Natural Numbers.
- Fractions (types and arithmetic operations) and related symbols ( $\leq$ ,  $\geq$ ,  $=$ ,  $\neq$  etc.)
- Decimals (Operations, round-off, estimation etc) & Percentage
- Distance & Time (Their relationship, conversion of units etc)
- Unitary Method (Calculation of many objects when one value is given or vice versa)
- Ratio & Proportion
- Percentage
- Set, operation on sets (like union, intersection etc), different types of set (Natural Numbers, Whole Numbers, Integers etc) and related symbols ( $\in$ ,  $\notin$ ,  $\cup$ ,  $\cap$ ,  $\subseteq$ ,  $\emptyset$  etc.)
- Algebra (Write a statement in algebraic form, evaluate the expression by putting different values etc)
- Linear Equations (Write a statement in the form of Linear equation, Simplification of Linear Equation etc)
- Geometry (Finding unknown angles, Complementary and Supplementary Angles, Concept of Corresponding Angles, Triangle and its types etc)
- Practical Geometry (Construction of Line segment, Bisector of Line Segment, different angles with the help of Compass, triangle, quadrilaterals etc)
- Perimeter and Area of Triangle, Rectangle and Square.
- Data Handling (Finding average value of data and draw bar graph etc)

**Reference Book :**

**National Book Foundation, National Curriculum 2006, for Class 5<sup>th</sup>**

**Paper Pattern for Class 6<sup>th</sup>**

Multiple Choice Questions (MCQs)	10 Marks
Short Questions (6 Questions of 5 marks each)	30 Marks
Long Question (2 Questions of 10 marks each)	20 Marks
Total Marks:	60 Marks

# اُسوہ کالج، اسلام آباد

(انٹری ٹیسٹ برائے جماعت ششم)

سلیبس اُردو سال-2024ء

☆ حصہ قواعد و انشاء (صرف و نحو)

- 1- واحد، جمع
- 2- تذکیر و تانیث
- 3- متضاد الفاظ / مترادف الفاظ
- 4- مطابقت کے اصول: غلط درست جملے / کثیر الانتخابی سوالات / درست اعراب کی نشاندہی / کالم ملانا
- 5- خط / درخواست 6- کہانی / مضمون (کم از کم دس سطریں)

مجوزہ کتب: 1- درسی کتب جماعت پنجم / ششم 2- قواعد و انشاء (پنجاب ٹیکسٹ بک بورڈ / نیشنل بک فاؤنڈیشن)

## نمبروں کی تقسیم برائے جماعت ششم-کل نمبر 50

- |                                       |           |
|---------------------------------------|-----------|
| اردو قواعد کی تعریف اور مثالیں۔       | (10 نمبر) |
| الفاظ و محاورات کا جملوں میں استعمال۔ | (05 نمبر) |
| واحد-جمع / مذکر-مؤنث۔                 | (05 نمبر) |
| اعراب لگانا۔                          | (05 نمبر) |
| سابقہ، لاحقہ                          | (05 نمبر) |
| جملوں کی درستی۔                       | (05 نمبر) |
| درخواست / کہانی / خط                  | (05 نمبر) |

**USWA COLLEGE ISLAMABAD**  
**Syllabus of Science for Entry Test Class 6<sup>th</sup>**

**Classification of organism**, Five Kingdom System, Classification and Characteristics of flowering plants, classification and characteristics of animals

**Micro Organism**

Micro organism, main groups of micro organisms, diseases caused by micro organisms.

**Flowers and Seeds**

Flowers, structure of flower, pollination and its types, reproduction in plants

**Physical and Chemical Changes**

Physical changes, melting, boiling, freezing, evaporation, condensation, diluted and concentrated solution, chemical changes, decaying, burning.

**Environmental Pollution**

Environmental pollution, air pollution, land pollution, water pollution, green house effect, biodegradable and non – biodegradable substances.

**Light and Sound**

Luminous and Non- Luminous objects, transparent, translucent and opaque objects, light travels in straight line, formation of shadows, reflection of light, sound, propagation of sound, speed of sound in different medium.

**Electricity and Magnetism**

Static electricity, charge, types of charge, electric current, electric circuits, open and closed circuits, conductors and insulators, magnet, magnetic and non-magnetic materials, types of magnets.

**Reference Book :**

National Book Foundation, National Curriculum 2006, for Class 5<sup>th</sup>

**Paper Pattern for Class 6<sup>th</sup>**

Multiple Choice Questions (MCQs)

10 Marks

Short Questions (7 Questions and 2 marks each)	14 Marks
Long Question (1 Question of 6 marks)	06 Marks
Total Marks:	30 Marks