

**USWA COLLEGE ISLAMABAD**  
**Syllabus of English for Entry Test Class 7<sup>th</sup>**

**01. Composition:**

- Story Writing
- School Applications

**02. Comprehension:**

- Paragraph with MCQ's

**03. Grammar:**

- Parts of Speech
- Tenses
- Punctuation
- Active/passive

**04. Vocabulary:**

- Singular & Plural
- Gender
- Spellings
- Synonymous & Antonymous

**05. Translation: (Individual Sentences)**

- English to Urdu
- Urdu to English

**Paper Pattern for Class 7<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 7<sup>th</sup>**

The students should know

- Set, kinds of set, operation on sets (like union, intersection etc) and related symbols ( $\in, \notin, \cup, \cap, \subseteq, \emptyset$  etc.)
- Fractions (their addition, subtraction, division and multiplication) and related symbols ( $\leq, \geq, =, \neq$  etc.)
- Algebra (addition, subtraction, division and multiplication)
- Polynomials (Monomial, binomial, trinomial, like terms, unlike terms, variable, exponent, co-efficient, constant etc.)
- Integer, Operations on integers (e.g. addition, subtraction, division and multiplication)
- How to find percentage, average etc.
- Ratio, proportion.
- Lowest form of common fractions.
- How to find L.C.M and H.C.F
- How to find Area (square, triangle, rectangle etc.)
- How to find the area and volume of cube and cuboid.
- How to bisect Line / side and angle.
- How to construct different angles with the help of compass.
- How to construct triangle.

**Reference Book :**

**National Book Foundation, National Curriculum 2006, for Class 6<sup>th</sup>**

**Paper Pattern for Class 7<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 ہفتم)

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 ششم / ہفتم 2- قواعد و انشاء (پنجاب ٹیکسٹ بک بورڈ / نیشنل بک فاؤنڈیشن)

## نمبروں کی تقسیم برائے جماعت ہفتم۔ 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) |
| سابقے، لاحقے                          | (05 نمبر) |
| جملوں کی درستی۔                       | (05 نمبر) |
| درخواست / کہانی / خط                  | (05 نمبر) |

**USWA COLLEGE ISLAMABAD**  
**Syllabus of Science for Entry Test Class 7<sup>th</sup>**

**Cellular Organisation** Cell, organ, comparison of animal and plant cell, tissues, organs, organ system, organism.

**Reproduction in Plants** Sexual reproduction, Asexual reproduction, natural propagation of plants, artificial vegetative propagation, advantages of vegetative propagation.

**Human Digestive System** Human Digestive System, digestion, human digestive system, digestive disorders, physical digestion, chemical digestion, digestive enzymes.

**Matter As Particles** States of matter, particle theory of matter, diffusion, changes in state of matter, melting, evaporation, condensation

**Elements and Compounds** Elements, classification of elements, uses of elements, difference in atom, elements and molecules, compounds

**Mixtures** Mixture, types of mixtures, distinguish between elements, compounds and mixtures, alloys, separation of mixtures, solutions

**Energy** Energy, categories of energy, conservation of energy, types of energy, laws of conservation of energy, renewable and non-renewable sources of energy

**Electricity** Static electricity, types of charges, electricity, electric current, electric circuits, electric symbols, open and closed circuits

**Magnetism** Magnetic field, Earth's magnetic field, magnetic field around conductor, types of magnet, applications of electromagnets. Magnetization and demagnetization

**Reference Book :**

**National Book Foundation, National Curriculum 2006, for Class 6<sup>th</sup>**

**Paper Pattern for Class 7<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