

USWA COLLEGE ISLAMABAD
Syllabus of English for Entry Test Class 7th
Session 2025 – 26

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 7th

Jumbled Sentences	(05 Marks)	Correct Form Of verb	(05 Marks)
Do as directed	(08 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 Story			(07 Marks)

Total Marks

60

USWA COLLEGE ISLAMABAD
Syllabus of English for Entry Test Class 8th
Session 2025 – 26

01. Composition:

- Descriptive Paragraph Writing on personalities, places, events
- Personal Letters/School Applications/Stories

02. Comprehension:

- Questions based on the given paragraph

03. Grammar:

- Parts of Speech
- Tenses
- Punctuation
- Active/Passive
- Direct/Indirect

04. Vocabulary:

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

05. Translation: (Short Paragraphs)

- English to Urdu
- Urdu to English

Paper Pattern for Class 8th

Tenses and Sentences	(05 Marks)	Direct/Indirect	(05 Marks)
Name the Part of Speech	(05 Marks)	Correction of 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)
Paragraph Writing			(08 Marks)
Write Application, letter or Story			(7 Marks)
<u>Total Marks</u>			60

USWA COLLEGE ISLAMABAD
Syllabus of Mathematics for Entry Test Class 7th
Session 2025 – 26

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 for Class 6th

Paper Pattern for Class 7th

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

USWA COLLEGE ISLAMABAD
Syllabus of Mathematics for Entry Test Class 8th
Session 2025 – 26

The students should know

- Basic concept of Set, kinds of set, operation on sets (like union, intersection etc) and related symbols ($\in, \notin, \cup, \cap, \subseteq, \emptyset$ etc.)
- Operations on integers (like addition, subtraction, division and multiplication) and related symbols ($\leq, \geq, =, \neq$ etc.)
- Additive and multiplicative inverses of integers.
- Laws of exponents.
- Concept of rational numbers.
- Addition, subtraction, division and multiplication of Polynomial values of algebraic expressions.
- Factorization of polynomials.
- How to use identities to factorize different polynomials
- How to find loss, profit, their percentage, average etc.
- How to find GST, property tax, zakat, ushr etc.
- Concept of linear equation and solution of linear equations.
- Ratio, continued ratio and proportion (direct and inverse).
- How to find square root of numbers, common fraction, mixed fraction and decimal fractions.
- Types of fraction, types of common and decimal fractions.
- Ascending and descending order of polynomials.
- How to find circumference, radius, diameter and area of circle.
- How to find the area and volume of cube, cuboid and cylinder.
- How to construct triangle, rectangle and parallelogram.
- How to construct different angles with the help of compass.

Reference Book :

National Book Foundation for Class 7th

Paper Pattern for Class 8th

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-26-2025ء

☆ 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 الامتناعی 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 / متضاد الفاظ / مترادف الفاظ | (05 نمبر) |
| سابقہ، لاحقہ | (05 نمبر) |
| جملوں کی درستی۔ | (05 نمبر) |
| درخواست / کہانی / خط | (05 نمبر) |
| مضمون | (10 نمبر) |

اُسوہ کالج، اسلام آباد

(انٹری ٹیسٹ برائے جماعت ہشتم)

☆ حصہ قواعد و انشاء (صرف و نحو)

1- (الف): الفاظ و معانی / الفاظ و محاورات کا جملوں میں استعمال / ضرب الامثال (ب) اسم معرفہ و نکرہ کی اقسام

(ج) فعل کی اقسام

2- واحد، جمع / تذکیر و تانیث / متضاد الفاظ / مترادف الفاظ

3- مطابقت کے اصول: غلط درست جملے / کثیر الانتخابی سوالات / درست اعراب کی نشاندہی / کالم ملانا

4- مضمون (کم از کم پندرہ سطریں) 5- خط / درخواست / کہانی

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

نمبروں کی تقسیم برائے جماعت ہشتم۔ 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 / متضاد الفاظ / مترادف الفاظ (05 نمبر)

سابقہ، لاحقہ (05 نمبر)

جملوں کی درستی۔ (05 نمبر)

درخواست / کہانی / خط (05 نمبر)

مضمون (10 نمبر)

USWA COLLEGE ISLAMABAD
Syllabus of Science for Entry Test Class 7th

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, conversion 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, series and parallel circuits

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

Balanced Diet Carbohydrates, Proteins, Fats & Oils, Vitamins & Minerals

Reference Book :

National Book Foundation, for Class 6th

Paper Pattern for Class 7th

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

USWA COLLEGE ISLAMABAD
Syllabus of Science for Entry Test Class 8th

Plant System

Root system, shoot system, leaves, transport, transpiration, photosynthesis, respiration in plants.

Human Respiratory System and Circulatory System

Aerobic & in-aerobic respiration, human respiratory system, circulatory system, structure of heart and its function.

Physical and Chemical Changes

Physical changes, chemical changes, states of matter and their properties

Structure of an Atom

Atom and its parts, Atomic number, mass number, distribution of electrons in shells

Chemical Bonds

Valency, ion, chemical formula, formation of different types of bonds, formation of ions

Force and Motion

Distance, displacement, speed, force, contact forces and non-contact forces, forces as action and reaction pairs

Waves and Energy

Waves, types of waves, transverse and longitudinal waves, properties of waves, sound waves and its properties, echo

Heat and Temperature

Temperature, temperature scales, heat, thermal expansion in solids and its types, modes of transfer of heat.

Reference Book :

National Book Foundation, for Class 7th

Paper Pattern for Class 8th

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