

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

01. Composition:

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

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

Jumbled Sentences	(05 Marks)	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)
Write Application, letter or Story			(10 Marks)

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

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, National Curriculum 2006, 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 ہشتم)

سلیبس اُردو سال-2024ء

☆ 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
- 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۔ | (05 نمبر) |
| سابقے، لاحقے | (05 نمبر) |

(05 نمبر)

جملوں کی درستی۔

(05 نمبر)

درخواست / کہانی / خط

(10 نمبر)

مضمون

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 bond, types of bonds.

Force and Motion

Distance, displacement, speed, force, contact forces and non-contact forces

Waves and Energy

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

Heat and Temperature

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

Reference Book :

National Book Foundation, National Curriculum 2006, 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