

Syllabus for Class VI Aptitude/Proficiency Assessment

ENGLISH

1. COMPOSITION

Assessment Objective: (To check the level at which the student is able to express herself. Both language and thought will be assessed). The student will be required to write 10 lines or so on a topic. Topics may include a brief personal experience or something from imagination. This could include a composition based on a picture.

2. UNSEEN PASSAGE

Assessment Objective: (To test the level of comprehension or understanding of English, suited for the class). The passage will be fairly simple followed by questions to check understanding. Students will be required to give answers in their own words. Meanings of words/vocabulary, in the context of the usage in the paragraph will also be checked. Candidates may also be asked to substitute a given word or phrase from the passage with their own.

3. GRAMMAR

Assessment Objective: Only usage will be tested. Candidates will not be asked to give definitions etc.

- Basic grammar of the main parts of speech
- Simple Tense and Continuous Tense
- Articles: 'a', 'an', 'the'
- Simple Punctuation full stops, commas, capital letters, apostrophes (Possessives and Contractions)
- Countables and Uncountables

Vocabulary

- Pronouns, Prepositions
- Similar sounding words
- Masculine & Feminine Forms
- Opposites
- Adjectives and Degrees of Comparison
- Nouns, Verbs & Adverbs
- Common Idiomatic Expressions

Direct & Indirect Speech

Simple Statements and Interrogatives.

Sentence Construction

Simple Sentences: Singular and Plural- with agreement of subject and verb, Jumbled Sentences, Forming Questions, Joining two sentences with an appropriate conjunction.

Marking Scheme for Assessment in English

Assessment Objectives	Weightage (%)	Duration of Paper	Marks
Composition	30%	50 Minutes	50 Marks
Comprehension	40%		
Grammar	30%		

हिन्दी – मूल्यांकन के उद्देश्य (Assessment Objectives)

1- निबन्ध (Composition)

छात्राओं की कल्पनाशक्ति, अपने विचारों को अभिव्यक्त करने की क्षमता भाषा ज्ञान एवम् वर्तनी का परीक्षण निबन्ध लेखन द्वारा किया जाएगा। छात्राओं को दस से पन्द्रह पंक्तियों में अपने विचार लिखने होंगे। निबन्ध लेखन के विषय छात्राओं के व्यक्तिगत अनुभवों या काल्पनिक विषयों पर आधारित होंगे।

2- अपठित गद्यांश (Unseen Passage)

(छात्राओं के भाषा ज्ञान के स्तर व वर्तनी का कक्षा के अनुरूप परीक्षण)
गद्यांश के अन्त में सरल भाषा में गद्यांश पर आधारित प्रश्न पूछे जाएँगे। प्रश्नों के उत्तर छात्राओं द्वारा यथासम्भव अपने शब्दों में लिखे जाने चाहियें। गद्यांश में प्रयुक्त कठिन शब्दों के अर्थ, शब्द ज्ञान तथा उन शब्दों का अपने वाक्यों में प्रयोग आदि का परीक्षण भी किया जा सकता है।

3- चित्र लेखन (Picture Writing)

(छात्राओं की कल्पनाशक्ति, अपने विचारों को अभिव्यक्त करने की क्षमता वर्तनी एवम् भाषा ज्ञान का परीक्षण)
चित्र पर छात्राओं को पाँच से दस पंक्तियों में अपने विचार लिखने होंगे या चित्र पर आधारित वाक्य बनाने होंगे।

4- व्याकरण व शब्द भंडार (Grammar and Vocabulary)

छात्राओं के व्याकरण व शब्द भंडार के व्यावहारिक ज्ञान का परीक्षण किया जाएगा। परिभाषाएँ नहीं पूछी जाएँगी।

Syllabus for Class VI Aptitude/Proficiency Assessment
HINDI

1.	निबन्ध लेखन/कहानी रचना(10-15 पंक्तियाँ)/चित्र लेखन	Composition / Story Writing (10-15 lines)
2.	अर्थ ग्रहण – अपठित गद्यांश पर आधारित प्रश्नोत्तर व शब्द-अर्थ	Comprehension
3.	साधारण शब्दों का वाक्यों में प्रयोग	Making sentences with simple words
4.	लिंग – वाक्यों में परिवर्तन	Gender - Changing genders in sentences
5.	वचन – वाक्यों में परिवर्तन	Number - Changing numbers in sentences.
6.	अशुद्ध वाक्यों का संशोधन	Correcting incorrect sentences
7.	वर्तनी सुधार	Correcting spelling
8.	विपरीतार्थक शब्द (साधारण शब्द)	Opposites (common words)
9.	वाक्य में शब्दों को क्रमपूर्वक लिखना	Correct order of words in simple sentences.
10.	रिक्त स्थानों की उचित शब्दों द्वारा पूर्ति – साधारण पशु-पक्षियों के नाम, रंगों के नाम, शरीर के अंग, परिचित व घरेलू वस्तुओं के नाम, सप्ताह के दिन, व्यवसाय ध्वनि बोधक शब्द आदि।	
11.	अंक –गणना (1-50 तक) अंकों तथा शब्दों में	Hindi numbers in words and figures (1-50)
12.	आम बोल-चाल की भाषा में प्रयुक्त होने वाले अंग्रेजी के शब्दों का हिन्दी में अनुवाद	Translation of the Common English words into Hindi
13.	संज्ञा ,सर्वनाम व क्रिया – वाक्यों में से संज्ञा व सर्वनाम व	Noun ,Pronoun and Verb - Choosing Noun,
14.	क्रिया शब्दों को छँटना, संज्ञा सर्वनाम व क्रिया शब्दों द्वारा रिक्त स्थानों की पूर्ति, वाक्यों में संज्ञा के स्थान पर सर्वनाम शब्दों का प्रयोग	Pronoun and Verb from sentences, fill in the blanks by using Noun , Pronoun and Verb and Using Nouns in place of Pronouns in sentences.
15.	वाक्य रचना – काल परिवर्तन	Changing Tenses in sentences
16.	मुहावरे	Common idioms and phrases
17.	पर्यायवाची शब्द (साधारण शब्द)	Synonyms (common words)

Marking Scheme for Assessment in Hindi

Assessment Objectives	Weightage (%)	Duration of Paper	Marks
Composition	30%	50 Minutes	50 Marks
Comprehension	30%		
Grammar	40%		



Welham Girls' School

Assessment Objectives for Mathematics

1. Mathematical knowledge with understanding of concepts.
2. Application of Concepts – Problem solving

The candidate taking the Assessment should be able to show her understanding and application of mathematical concepts by displaying the following abilities:

1.	Understanding the question asked.
2.	Performing calculations by suitable methods to arrive at a solution.
3.	Using appropriate formulae, symbols, units, etc.
4.	Interpreting and making appropriate use of mathematical statements expressed in words or symbols.
5.	Recognizing and using spatial relationships in two and three dimensions, particularly in solving problems.
6.	Interpreting and applying mathematical knowledge in the context of everyday situations.
7.	Making logical deductions from given mathematical data.
8.	Recognizing patterns and structures and form generalizations
9.	Analyzing a problem and selecting a suitable strategy and applying an appropriate technique to obtain its solution.

Marking Scheme for Assessment in Mathematics

Assessment Objectives	Weightage (%)	Duration of Paper	Marks
Mathematical Knowledge	30%	50 Minutes	50 Marks
Understanding of Concepts	30%		
Application Skills	20%		
Problem solving skills	20%		

Syllabus for Class VI Aptitude/Proficiency Assessment

Large numbers

1. Indian system and International system of numeration (up to 9 digit numbers) – writing in figures and words by separating periods.
2. Comparisons of Indian and International Place Value charts, Place value and face value of digits.
3. Expanded form, compact form, comparison of numbers.
4. Ascending and Descending order, Successor and Predecessor of a number.
5. Forming the smallest and greatest numbers using given digits.

Four operations

1. Addition and Subtraction of numbers (up to 6 digit numbers).
2. Multiplication of a number by using a multiple of 10, 100, 1000, 10000.
3. Multiplication of 4 digit numbers by 3 digit numbers, 5 digit numbers by 2 digit numbers.
4. Division of 3 digit numbers and 4 digit numbers by 10, 20, 30, -----, 100.
5. Division of 5 digit numbers by 2 digit numbers & 3 digit numbers.
6. Direct application of 'DMAS' rule & 'BODMAS' rule
7. Word problems on all four operations.

Properties of numbers - Direct application of

1. Even and odd numbers, natural and whole numbers, prime and composite numbers, Twin prime numbers.
2. Use of divisibility tests for 2, 3, 4, 5, 6, 8, 9, 10 and 11 to divide any number.
3. Factors and Multiples of 2 digit numbers & 3 digit numbers.
4. LCM and HCF of 2 and 3 digits numbers by prime factor method & long division method. (Word problems excluded).Co-prime numbers.

Fractions

1. Types of fractions - proper, improper, mixed and unit fractions.
2. Like and unlike fractions, equivalent fractions. Concept of reciprocal of fraction.
3. Conversions of improper fractions into mixed fractions and vice versa, reducing a given fraction into lowest terms.
4. Comparison, ascending order, descending order, addition, subtraction, multiplication & division of unlike fractions...
5. Direct word problems on 4 fundamental operations using fractions.
6. Direct application of 'DMAS' rule (Brackets excluded)

Decimal fractions

1. Place values, Compact & Expanded form, Comparison, Ascending, Descending order.
2. Expressing fractions & percentages as decimals & vice versa.
3. Addition, Subtraction of decimal numbers
4. Multiplication & Division of decimals by:-
 - i) 10, 100, 1000
 - ii) by a 1 digit number & 2 digit number.
 - iii) whole number by a decimal.
 - iv) decimal number by a decimal number.
5. Direct word problems on the above mentioned concepts.

Measurements

1. Conversions of measures of length, weight, capacity, time, temperature money & calendar interpretation.
2. Converting one unit of measurement into another.
3. Addition & Subtraction of measures.
4. Direct word problems on the above mentioned concepts.

Unitary Method

Direct Variations only

Percentage

1. Expressing a fraction and a decimal as a percentage & vice versa.
2. Calculation of percentage (Simple & Direct word problems).

Average

Direct sums & word problems.

Algebra

1. Framing algebraic sentences from the given statements & vice versa.
2. Evaluating expressions (Substitution of values of variables in terms and expressions).

Mensuration

Area & perimeter of square and rectangle.

Geometry

1. Definition of point, line, line segment & ray, angles & their types.
2. Complementary and Supplementary angles.
3. Measuring and drawing angles using a protractor.

Pictorial representation of data

Basic questions on direct interpretation of data. (No drawing of graph)

Patterns

Number series, pattern formation with geometrical shapes.