WELHAM BOYS' SCHOOL

PROFICIENCY AND APTITUDE ASSESSMENT

SYLLABUS

CLASS VII

YEAR:

ENGLISH

READING AND COMPREHENSION

- Understanding the gist of a passage
- Reading for specific information
- Inferring meaning of reference words
- Inferring meaning of lexis from context
- Text Structure

GRAMMAR

- Word order in sentences
- Tenses
- Relative pronouns
- Question tags
- Adverbs
- Question formation
- Positive and negative statements
- Action and state verbs
- Prepositions

COMPOSITION

Writing a short story

- Descriptive writing
  Use of figures of speech (similes, metaphors, personification, etc.)
- Writing a discursive essay
  - Discursive ability- arguing out one's opinion
  - Organization and structure
  - Providing evidence/ supporting points

- Letter writing
  Appropriate tone/register
  Appropriate format
  Selection of relevant content
  Rational support of opinions

MATHEMATICS

Students will be tested for the concepts and application of the following topics and sub-topics.

ARITHMETIC

Fractions and Decimals: Operations on fractions and decimals, Simplification using BODMAS, Real life applications.

Number system: Natural numbers, Whole Numbers, Integers, Representation of integers on the number line, Fundamental operations on the above mentioned number systems, Real life applications.

H.C.F. and L.C.M: Finding H.C.F. and L.C.M. of two or more numbers (including H.C.F. by division method),Word problems on H.C.F. and L.C.M.

Exponents: Exponential and expanded form, Laws of Exponents.

COMMERCIAL MATHEMATICS

Average: Direct problems, Real life applications.

Ratio and Proportion: Comparison of ratios, dividing a given quantity in a given ratio, Concept of proportion.

Unitary Method: Problems on Direct and Indirect variations.

Percentages: Expressing a fraction as a percentage and vice- versa, Simple problems on percentages.

Profit and Loss: Direct problems (excluding discount), profit percent and loss percent.

Simple Interest: Direct problems.

ALGEBRA

Algebraic expressions: Fundamental operations on algebraic expressions: Addition and subtraction, Conversion of image patterns into algebraic expressions, writing a statement in the form of an algebraic expression and vice-versa. Substitution.

Simple Equations: Solving simple equations. (Excluding real life applications)

GEOMETRY

Fundamental concepts: Concept of a point, line, ray, line segment, surface and plane

Angles: Complimentary, Supplementary and Adjacent angles, Angles on a straight line and around a point, Construction of angles (using protractor only).

Triangles: Classification of triangles, Problems based on the angle sum property of a triangle.

Symmetry and Reflection: Lines of symmetry, Line of reflection.

MENSURATION

Perimeter and area of Square and Rectangle. Perimeter of polygons.

Real life applications.

DATA HANDLING

Representation of data using pictographs and bar graphs using appropriate scale.

हिंदी

1. अपठित गद्यांश / पद्यांष **के आधार पर पूछे गए प्रश्नों के उत्तर**
2. **लेखन–**
   - अनुच्छेद लेखन (50 शब्द)
   - चित्र देख कर उस का वर्णन करते हुए कहानी या घटना लिखना
   - .पत्र –लेखन
   - क्हानी लेखन

3. **व्याकरण :**

   यथानिर्देश परिवर्तन

   - विलोम शब्द ।
   - पर्यायवाची।

- वाक्यांश के लिए एक शब्द ।
- अनेकार्थी षब्द।
- भिन्नार्थक षब्द।
- मुहावरे ∕ लोकोक्तियाँ उनके अर्थ एवम् वाक्य प्रयोग ।
- लिंग (शब्द व वाक्य परिवर्तन के रूप में)।
- वचन (शब्द व वाक्य परिवर्तन के रूप में)।
- काल ।
- कारक।
- विराम चिहन।

4. **वर्ण–विच्छेद।**
   - 'र' के विभिन्न रुप
   - अनुस्वार, अनुनासिक
   - नुक्ता
   - 'र' के विभिन्न रुप

5. अंग्रेजी षब्दों के हिंदी रुप।

6.अषुद्धि संषोधन षब्द एवम् वाक्य।

7 दृगिनती हिंदी अंकों व षब्दों में (1–100)