

**M.B. DAV PUBLIC SCHOOL, LOHARDAGA**  
**Syllabus for Admission Test (2019-20)**

**Class – I**

ENGLISH	MATHS
1. Body Parts 2. Opposite Word 3. Use of These / Those 4. Colour Name 5. Days of the week 6. Use of preposition On, In, Under 7. Use of Has / Have	1. Number names 1 to 100 2. Add on number line 3. Subtract on number line 4. After, Before, In between 5. Shapes 6. Add up to 10 <sup>th</sup> place 7. Subtract up to 10 <sup>th</sup> place

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**Class – II**

ENGLISH	MATHS
Noun, Pronoun, Verb, Describing word (adjective), Opposite words, Articles and One and Many (Numbers)	Numeral, Number Names (1 to 10), After, Before and between, Greater than, Less than and Equal to (>, < and =), Ascending and Descending order, Missing numbers, Ordinal Numbers, Addition, Subtraction, Time and Money

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**Class – III**

ENGLISH	MATHS
1. Naming Words 2. Doing Words 3. Describing Words 4. Use of 'a' and 'an' 5. Singular and Plural 6. Replacing words 7. Paragraph Writing	1. Addition 2. Numbers up to 999 3. Subtraction 4. Multiplication 5. Time 6. Weights 7. Capacity 8. Length

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**Class – IV**

ENGLISH	MATHS
1. Sentence – Subject and Predicate 2. Verbs 3. Describing Words 4. Prepositions 5. Spelling Correction 6. Articles 7. Paragraph Writing 8. Formal Letter	1. Numbers up to 9999 2. Addition 3. Subtraction 4. Multiplication 5. Day, Date and Time 6. Geometry 7. Fraction 8. Division

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**Class – V**

ENGLISH	MATHS
1. Subject and Predicate 2. Adjectives 3. Adverbs 4. Prepositions 5. Determiners 6. Gender 7. Conditionals 8. Diary Entry 9. Informal Letter	1. Addition and Subtraction 2. Multiplication and Division 3. Length, Weight and Capacity 4. Time and Calendar 5. Angles 6. Perimeter 7. Area and Volume 8. Fun with patterns

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**Class – VI**

ENGLISH	MATHS
1. Verb Forms 2. Jumbled Words 3. Paragraph Writing 4. Application Writing	1. Operations on large numbers: Ex: In a year, Rahul earns Rs. 72,600/- How much will he earn monthly? 2. Multiples and Fractions: Ex: (a) Find the LCM of 12, 14, 84 (b) Find the factors of 38, 48 3. Fractional Numbers: Ex: (a) Convert into fraction(improper) $3\frac{1}{5}, 5\frac{1}{7}$ (b) Add, Subtraction, Multiplication, Division 4. Decimals: Ex: Write as decimals (a) $\frac{9}{10}$ (b) $\frac{4}{10}$ 5. DMAS Ex: $(15*5+4\div 2-3+45)$

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**Class – VII**

ENGLISH	MATHS
1. Sentence 2. Subject and Predicate 3. Prepositions 4. Essay Writing 5. Notice Writing	1. Natural Numbers and Whole Numbers: Ex: (a) Arrange in Ascending Order 43, 287, 15769, 833, 49538, 34 (b) Roman Numbers 2. Factors and Multiples: Ex: (a) Find HCF (12, 30, 54) (b) Find LCM (25, 30, 40) 3. Integers: Ex: (a) Add: -19, 158, -103 (b) Multiply: $-102*402$

	<p>4. Ratio, Proportion Ex: Find the ratio of 3kg to 250gm</p> <p>5. Percentage and its Applications: Ex: (a) Find 20% of 80 (b) Find the amount 20% less than Rs. 150/-</p>
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**Class – VIII**

ENGLISH	MATHS
<p>1. Active and Passive Voice</p> <p>2. Article</p> <p>3. Article or Essay Writing</p> <p>4. Notice Writing</p>	<p>1. Rational Numbers: Ex: (a) <math>\frac{105}{\dots\dots} = \frac{\dots\dots}{-99} = \frac{-5}{-11}</math> (b) Arrange in Ascending order <math>\frac{2}{5}, \frac{-1}{2}, \frac{8}{-15}, \frac{-3}{-10}</math></p> <p>2. Operations on Rational Numbers: Ex: (a) Sum of <math>\frac{7}{-16}, \frac{-3}{4}</math> (b) Verify <math>x+y = y+x</math> <math>x = 5, y = \frac{3}{2}</math></p> <p>3. Exponents and Powers: (a) If <math>\frac{p}{q} = \left(\frac{2}{3}\right)^2 * \left(\frac{1}{3}\right)^{-4}</math>, find <math>\left(\frac{p}{q}\right)^{-2}</math> (b) <math>\left(\frac{9}{4}\right)^3 * \left(\frac{8}{9}\right)^3 = 2^{6x}</math>, find x</p> <p>4. Application of percentage: (a) I purchased a watch for Rs. 330/- and sold it at a loss of 20%. Find SP of the watch? (b) Write in percent : (i) <math>2\frac{3}{4}</math> (ii) 0.34</p> <p>5. Perimeter and Area: (a) The area of a rhombus is <math>119 \text{ cm}^2</math> and its perimeter is 56 cm. Find its altitude? (b) Find the diameter of a circle whose circumference is 66 m.</p>