



महाराष्ट्र राज्य परीक्षा परिषद, पुणे-१

शासन पत्र क्र. एफईडी-४०१४/६४३/प्र.क्र.४/एसडी-५, दिनांक २३ मार्च, २०१६ अन्वये

पूर्व उच्च प्राथमिक शिष्यवृत्ती परीक्षा इ. ५ वी करिता अभ्यासक्रम

माध्यम :- इंग्रजी

विषय :- MATHEMATICS (गणित)

Sr. No.	Unit	Sub-Units	Weightage
1	Number Work	<ol style="list-style-type: none">1. International numerals and roman numerals.2. Reading and writing numbers up to ten digits.3. Face value, place value of a digit and expanded form of a number.4. Making the smallest and greatest numbers from given digits.5. Ascending and descending order of numbers and comparison.6. Questions based on numbers from 1 to 100.7. Even and odd numbers prime and composite numbers, twin prime, co-prime numbers, triangular and square numbers.	12 %



महाराष्ट्र राज्य परीक्षा परिषद, पुणे-१

शासन पत्र क्र. एफईडी-४०१४/६४३/प्र.क्र.४/एसडी-५, दिनांक २३ मार्च, २०१६ अन्वये

पूर्व उच्च प्राथमिक शिष्यवृत्ती परीक्षा इ. ५ वी करिता अभ्यासक्रम

माध्यम :- इंग्रजी

विषय :- MATHEMATICS (गणित)

Sr. No.	Unit	Sub-Units	Weightage
2	Operations On Numbers	<ol style="list-style-type: none">1. Addition (up to seven digit numbers) with carrying, word problems.2. Subtraction (up to seven digit numbers) by borrowing, word problems.3. Multiplication (up to five digit number by three digit number)4. Division (up to five digit number by two digit number)5. Word problems on multiplication and division.6. Expression and the use of letters in place of numbers.7. Test of divisibility (1 to 10) and factors and multiples of numbers.	20 %
3	Fractions	<p>1. Vulgar fractions.</p> <p>a) Fractions with equal denominator (like fractions), Fraction with unequal denominator (unlike fractions), Order relation (comparing</p>	14 %



महाराष्ट्र राज्य परीक्षा परिषद, पुणे-१

शासन पत्र क्र. एफईडी-४०१४/६४३/प्र.क्र.४/एसडी-५, दिनांक २३ मार्च, २०१६ अन्वये

पूर्व उच्च प्राथमिक शिष्यवृत्ती परीक्षा इ. ५ वी करिता अभ्यासक्रम

माध्यम :- इंग्रजी

विषय :- MATHEMATICS (गणित)

Sr. No.	Unit	Sub-Units	Weightage
		<p>Fractions), Ascending and Descending order, addition, Subtraction and Multiplication of fractions.</p> <p>b) Proper, Improper and Mixed fraction, their conversion.</p> <p>c) Equivalent fractions.</p> <p>2. Decimal fractions.</p> <p>a) Reading and writing.</p> <p>b) Place value of digits in decimal fractions, use of decimal fractions.</p> <p>c) Addition and Subtraction of decimal fractions.</p>	
4	Measurement / Mensuration	<p>1. Length, mass, capacity metric measures conversion of units, addition, subtraction and word problems.</p> <p>2. Measuring time ante meridiem and post meridiem. Hours, minutes and seconds-conversion. Addition, Subtraction and Word Problems.</p>	20 %



महाराष्ट्र राज्य परीक्षा परिषद, पुणे-१

शासन पत्र क्र. एफईडी-४०१४/६४३/प्र.क्र.४/एसडी-५, दिनांक २३ मार्च, २०१६ अन्वये

पूर्व उच्च प्राथमिक शिष्यवृत्ती परीक्षा इ. ५ वी करिता अभ्यासक्रम

माध्यम :- इंग्रजी

विषय :- MATHEMATICS (गणित)

Sr. No.	Unit	Sub-Units	Weightage
		3. The Calendar. 4. Rim, Gross (Paper measurement) 5. Coins and Currency Notes, Rupees-Paise Conversion. 6. Basic concepts of selling and purchasing of articles.	
5	Applied Mathematics	Profit – loss percentage Simple interest (problems based on basic information)	16 %
6	Geometry	1. Angles (Types of Angles) 2. Parallel and Perpendicular lines. 3. Triangle, Square-sides and Vertices. 4. Circle-radius, chord, diameter, centre, circumference, the interior, the exterior, arc of circle. 5. Perimeter- Triangle, Rectangle, Square, Polygon. 6. Area- Rectangle, Square. 7. Three dimensional objects and Nets. 8. Patterns 9. Cube and Cuboid (Edges, Vertices, Faces)	14 %
7	Pictographs	Comprehension on pictorial information.	4 %