SA-1 EXAM 2022-2023

Class VI

SUBJECT-MATHS

Time-$2^{1/2}$ Hour M.M.-45

Instruction

All Questions are Compulsory

Read the questions paper carefully and write their answers.

Question:- The Choose correct option:

1. The largest 4-digit number, Using any digit?

(a) 8,777 (b) 8,837

(c) 7,784 (d) 8,874

2. Which of the following does not represent zero?

(a) 1+0 (b) 1×0

(c) 0/2 (d)10/10/2

3. The expression 7x2x5=2x7x5 is an example of which property?

(a) Associative (b) Distributive

(c) Commutative (d) Identity

4. Which of the following is not a prime number.

(a) 21 (b) 23

(c)29 (d)43

5. Which of the following represents 500-year age

(a) -500 (b) 500

(c) 1-500 (d) -(500)

Q.2 Fill in the blanks

1. Value of /-65= _____.

2. A fraction in which the numerator is less then denominatoris called a _____.

3. An exact divisor of a number is called its _____.

4. 53982×0 = _____.

5. The successor of the number 9,999 is _____.

Q.3 True or false.

1. The estimated product of 24x2.728 is 20×3,000=6000.

2. Closure applies in subtraction and division.

3. All odd numbers are prime.

4. The sum of 1/7 and 3/7 is 4/14

Q.4 Very Short (Any-5)

1. Write Roman numerals for

(a) 50 (b) 83

(c) 347 (d) 61

2. Write the place value of 8in.

(a) 58,397 (b) 9,83,721

3. Write down 5 multiples of.

(a) 2 (b) 4

4. Represent each number and its opposite on a number line.

(a) -2 (b) 4

5. Draw a line segment?

(a) AB=6cm (b) BC=8cm

6. Write a fraction for the following?

(a) Five eighths (b) Three fifth

Q.5 Short Answer type. (Any-3)

1. Estimate the product

(a) 68×7 (b) 523×16

2. Simplify each expression identify the property used?

(a) 8+23+2 (b) 16+47+14

3. Find the prime factorization of each number. By using a factor tree.

(a) 24 (b) 36

4. Draw a square with sides 4 cm, Divide it into 16 equal parts and shade 9/16 on it.

Q6. Short Answer type. (Any-3)

1. (i) Use a protector to draw each angles of the given measure.

(a) 60^{o} (b) 80^{o}

(ii) Write the types of angle.

2. Simplify and express the answer in simples form/ mixed fraction.

(a) 7 1/3+4 5/5 +2 1/6

(b) 6 1/5- (4 3/10- 11/2)

3. (a) Complete the following table.

S.No	Colum No.1	Colum No.2
	Product of numbers	Product of HCF and LCM
(a)	9x_____=108	3x36=_____
(b)	15x20 =_____	_____x_____=_____
(c)	21x 24 = _____	_____x_____=_____
(d)	20x____= _____	_____x_____=_____

(b) The LCM of two numbers is 1820 and 139 their HCF is 26. if one number is then find the other number

4) Find the lem by division method.

(a) -12, 16 and 18

(b) 30, 42, 63