

INTERNATIONAL INDIAN SCHOOL, DAMMAM
UPPER PRIMARY SECTIONS
TERM II EXAM 2017 -18

SUBJECT : MATHEMATICS CLASS: V

DATE : _____

Name : _____

Time : 2 Hours

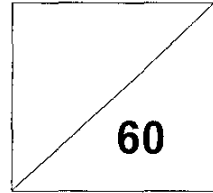
Roll No. _____

Max.Marks:60

Sec : _____

Instructions:

1. Part A and B to be done in the Question Paper.
2. Part C and D to be done in the Answer Sheet.
3. Read the questions carefully and attempt all.
4. Read your paper thoroughly before submission.

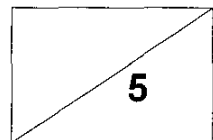


PART A

I. Fill in the blanks:

(10 X $\frac{1}{2}$ = 5 Marks)

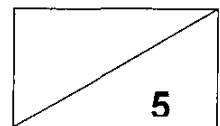
- 1) _____ is neither prime nor composite.
- 2) _____ is the only even prime number.
- 3) The multiplicative inverse of 4 is _____.
- 4) $\frac{1}{4}$ of an hour = _____ minutes .
- 5) The third multiple of the first composite number is _____.
- 6) $7\frac{5}{6} \div$ _____ = 1
- 7) Every number is a factor as well as a _____ of itself.
- 8) Prime numbers between 30 and 40 are _____ and _____.
- 9) The reciprocal of a unit fraction is a _____ number.
- 10) $\frac{9}{2} \div 4\frac{1}{2} =$ _____.



II. Choose the correct answer :-

(10 X $\frac{1}{2}$ = 5 Marks)

1. The prime factors of 45
a) 9×5 b) 15×3 c) 45×1 d) $3 \times 3 \times 5$
2. $2\frac{1}{5} \times 10 =$ _____
a) 15 b) 0 c) 22 d) 11
3. LCM of 5 and 6 is _____
a) 15 b) 30 c) 21 d) 40
4. The product of $\frac{2}{8}$ and its reciprocal is _____
a) 1 b) $\frac{2}{8}$ c) 0 d) $\frac{4}{64}$
5. Which of these are consecutive even numbers ?
a) 24 , 32 b) 13,15 c) 8 , 21 d) 12 ,14
6. $\frac{1}{3} \div$ _____ = 1
a) $\frac{2}{3}$ b) $\frac{2}{9}$ c) $\frac{3}{9}$ d) 1
7. Numbers having only two factors are called _____ numbers.
a) twin prime b) prime c) co-prime d) even
8. The lowest form of $\frac{91}{130}$ is _____
a) $\frac{7}{10}$ b) $\frac{13}{12}$ c) $\frac{9}{15}$ d) $\frac{24}{26}$
9. $\frac{1}{2}$ of 18 = _____
a) 6 b) 5 c) 7 d) 9
10. 3 , 7 , 9 , 15 , 25 are _____ numbers.
a) even b) prime c) odd d) composite



III. Write True or False:-

(6 X $\frac{1}{2}$ = 3 Marks)

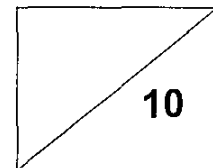
1. $\frac{7}{9} \div 0 = 0$ _____
2. The largest factor of a number is 1 _____
3. $5 \div \frac{1}{3} = \frac{1}{5} \times \frac{1}{3}$ _____
4. 3 is a factor of 213 _____
5. LCM of 4 and 5 is 20 _____
6. 71 and 73 are twin primes. _____

IV. Solve the puzzle: -

(7X1 =7 Marks)

- 1) A _____ number has more than two factors.
- 2) The smallest factor of a number is _____.
- 3) The smallest even factor of 50 is _____.
- 4) When we interchange the numerator and denominator , we get the _____ of a number.
- 5) The smallest two digit even number is _____.
- 6) _____ of any given numbers are unlimited.
- 7) The LCM of two co-prime numbers is equal to their _____.

R	E	C	I	P	R	O	C	A	L	D
A	C	O	E	G	K	L	W	R	O	G
F	C	M	U	L	T	I	P	L	E	S
Y	U	P	I	M	B	C	Z	S	V	O
H	K	O	L	O	S	E	M	T	Q	V
J	G	S	H	V	W	K	S	A	R	T
Z	R	I	I	Z	A	H	Q	Z	G	J
E	Y	T	W	O	J	O	T	E	N	C
F	M	E	Q	N	C	P	A	N	H	Y
O	V	Q	A	E	N	U	Z	M	K	U
D	X	P	R	O	D	U	C	T	L	A



V. Match the following :-

(6 X $\frac{1}{2}$ = 3 Marks)

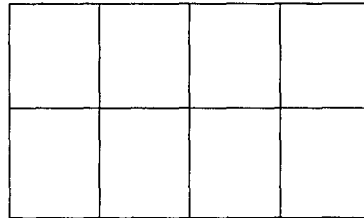
- | | |
|---|------------------|
| 1. The reciprocal of a mixed fraction | a) prime numbers |
| 2. The smallest odd composite number | b) 96 |
| 3. $\frac{1}{5}$ of 30 | c) odd |
| 4. Numbers which are not multiples of 2 | d) 6 |
| 5. A multiple of 16 | e) 9 |
| 6. Basic building blocks of all numbers | f) proper |

PART B

VI. Do as directed :-

(1 Mark)

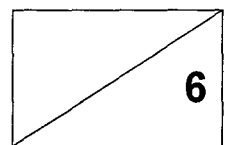
- 1) Shade the fraction indicated .



$\frac{1}{2}$ of 8 = _____

- 2) Write the common factors of 15 and 16 .

(2 Marks)



3) Simplify:-

(2 Marks)

$$1\frac{3}{7} \times \frac{5}{39} \times 10\frac{2}{5} \times 2\frac{1}{10}$$

4) Write all twin primes between 1 and 50.

(2 Marks)

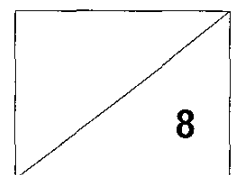
5) Simplify :-

(2 Marks)

$$5\frac{3}{4} \div 1\frac{1}{4}$$

6) Write the multiples of 14 between 15 and 100.

(2 Marks)

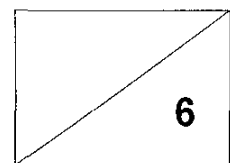


) The product of two fractions is $17\frac{3}{5}$. If one of the fractions is $4\frac{2}{5}$. Find the other.

(2 Marks)

8) HCF X LCM =5120 and one number =32 ,then find the other number. (2 Marks)

9) Write all composite numbers between 15 and 25. (2Marks)



PART C (Do in the answer sheet)

VII. Answer any 4 questions : (Each question carries 3 marks) (4X3=12Marks)

- 1) Pallavi bought 15 kg mangoes. If the cost of 1 kg mango is Rs. $25\frac{4}{5}$. How much did Pallavi pay?
- 2) Write all the factors of 70.
- 3) Of the 125 children in 5th grade , three-fifths are girls. How many are boys ?
- 4) Find the smallest number divisible by 15, 20 , 24 , 32 and 36.
- 5) Express 216 as the product of prime factors.

PART- D (Do in the answer sheet)

VIII. Answer any 2 questions: (Each question carries 4 marks) (2X4=8 Marks)

- 1) Find the HCF of 108, 144 and 60 by long division method.
 - 2) A family spent $\frac{3}{8}$ of their monthly income of Rs.9600 for food, $\frac{1}{8}$ for the education of children and saves rest of the money. How much do they save?
 - 3) Find the LCM of 36, 60 and 72 by long division method.
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