



FACULTY HIGHER SECONDARY SCHOOL
SAMPLE QUESTION PAPER 19-20
SUBJECT: MATHEMATICS
CLASS: V
Marks: 50

SECTION-A

(Q.1 TO Q.15 carry one mark each)

1. What is the place value of 9 in the number 6, 92,658?
2. How many factors does a prime number have?
3. Give two examples of unit fraction.
4. How many halves are there in 5?
5. Change $\frac{17}{4}$ into mixed fraction.
6. Write all the factors of 12.
7. $6-7+9$ is same as $6+7-9$
a. true b. false c. cannot say
8. Fill up:
 $25,501 \times \underline{\hspace{2cm}} = 25,501$
9. Write the predecessor of 34, 12,000.
10. The smallest 5-digit number using 4, 6,0,3,2 is
a. 46032 b. 20346 c. 02346
11. The Roman numeral for 57 is
a. LVII B. XXXXXVII C. LCVII
12. Fill in the blank:
 $12,173 \div \underline{\hspace{2cm}} = 1$
13. If 2995 is rounded off to the nearest 100, it gives ____
a. 2900 b. 3900 c. 3000
14. The only even prime number is
a. 6 b. 4 c. 2
15. Complete the sentence:
The _____ factor of a number is the number itself .

SECTION-B

(Q.16 TO Q.20 carry two marks each)

16. How many 4-digit numbers are there in all?
Ans. The biggest 4-digit number is = 9999
The biggest 3-digit number is = 999

So their difference = 9000
Hence there are 9000 4-digit numbers in all.
17. Write the numeral and expand it:
Two crore eight hundred ten
18. Find out CP when SP is Rs 1900 and loss incurred is Rs 190.
19. Write the prime factorisation of 24 using factor tree method.
20. Compare $\frac{5}{6}$ and $\frac{3}{8}$.

SECTION-C

(Q.21 to Q.25 carry three marks each)

21. Find the HCF of 36 and 45.
22. A teacher had 60 books to correct. If she can correct 12 books in one hour, how many hours does she need to correct all the books?
23. Check whether 384 is divisible by 3 or not.
24. Solve and write the answer in Roman numerals:
XCIII – LXV
25. The sum of two numbers is 93,861. If one number is 21,981, what is the other number?

Ans. Given, Sum of two numbers = 98,861

One of the two numbers = 21,981

So the missing number is = 98,861 - 21,981

$$\begin{array}{r} 98861 \\ - 21981 \\ \hline 76880 \end{array}$$

Hence the other number is 76880.

SECTION-D

(Q.26 to Q.27 carry five marks each)

26. A cake manufacturing company makes 5651 vanilla flavoured cakes in a day. How many cakes will be made in the month of February of the year 2020?

27. Simplify:

$$(15 \times 3) \div 5 \times 8 - 2 + 6 \times (11 - 2)$$

Ans. $(15 \times 3) \div 5 \times 8 - 2 + 6 \times (11 - 2)$

$$= 45 \div 5 \times 8 - 2 + 6 \times 9$$

$$= 9 \times 8 - 2 + 6 \times 9$$

$$= 72 - 2 + 54$$

$$= 72 + 54 - 2$$

$$= 126 - 2$$

$$= 124$$