



Bal Bharti School, Bahadurgarh
Academic Session 2019-20
Half – Yearly Examination
Subject :- Mathematics
Class:- V

Time:- 3 Hours

Date :- 23-09-2019

MM:- 80 Marks

General Instructions : 1) This question paper contains 30 questions and 3 pages.
2) All questions are compulsory.

PART – A

(1x6=6)

1. Write the place value and face value of 9 in 6,60,89,645
2. Write the quotient and remainder: $235476 \div 100$
3. Write all prime numbers between 20 and 40
4. Fill in the blanks: $\frac{6}{7} = \frac{42}{-} = \frac{-}{63}$
5. a) In a leap year there are _____ days.
b) 100 years make a _____
6. Write the reciprocal of $11\frac{4}{5}$

PART – B

(2x6=12)

7. Find the value of $6\frac{3}{5} \times \frac{10}{11}$
8. Insert commas and arrange the numbers in descending order.
87254 , 598145 , 85792 , 598541
9. How many hours are there in the month of March?
10. Make a factor tree of 120
11. Riya weighs $24\frac{3}{4}$ Kg and Rohit weighs $\frac{97}{4}$ Kg, Who is heavier?
12. a) Convert 310 minutes into hours and minutes.
b) Convert 6:30 pm into 24-hour clock time.

PART – C

(3x10=30)

13. Insert commas and write the number name of 4870952 in both Indian and International Systems of numeration.
14. a) Mr Gupta earned Rs 5,96,000 in 2017, while in 2018, he earned Rs 4,79, 958. How much more money did he earn in 2017 than in 2018?
b) Write 585 in Roman Numeral.
15. Find the H.C.F of 48 and 84 by the prime factorisation method.
16. a) Doctor advised Anil to drink $2\frac{3}{4}$ L of water in the morning, $1\frac{7}{8}$ L in the afternoon and $\frac{1}{2}$ L before going to bed. How much water should he drink in a day?
b) Simplify: $2\frac{1}{4} \div 3$
17. a) Write 159.38 in expanded form in any 2 ways.
b) Write the given number in standard decimal form:
 $(7 \times 1000) + (4 \times 10) + (9 \times 1) + (2 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (8 \times \frac{1}{1000})$.
18. a) Ravi had to reach for a birthday party at 3:10 p.m. But he reached 45 minutes earlier. At what time did he reach?
b) Convert 1850 hours into 12-hour clock time.

19. a) Round off 68,64,602 to the nearest 1000.
 b) Write DCIX in Hindu-Arabic number.
 c) Write the greatest 5 digit number using the digits 2,0,9,5.
20. Divide and check your answer: $96,32,582 \div 61$
21. a) Write the multiples of 12 and 15. Find two common multiples and then find their LCM.
 b) Write 24 as the sum of 2 prime numbers.
22. a) While practicing, Mohan ran 3.06 Km and Madhu ran 2.9Km. Who ran more distance and by how much?
 b) Write 1.96 as a fraction in the lowest term.

PART – D

(4x8=32)

- 23..a) How many pieces of length $5\frac{1}{2}$ m can be cut from a rope of length 44m?
 b) Arrange the fractions $\frac{7}{10}$, $\frac{2}{5}$, $\frac{8}{15}$ in ascending order
24. a) Subtract 4 Hours 25 minutes from 7 Hours 10 minutes.
 b) Convert: i) 5 days 7 hours into hours
 ii) 1750 minutes into hours and minutes.
25. a) Find the smallest number divisible by 4, 8 and 12.
 b) Find the HCF of 144 and 216 by division method.
26. a) A taxi driver charges Rs 6.50 per kilometre. How much will he charge for 3.5 Km?
 b) A man bought 15 Kg of ghee for Rs 1023.75. What is the cost of 1 Kg of ghee?
27. a) Write the number : Seventeen million two hundred thousand four hundred four.
 b) Round off to the nearest 100 : 7,865,00
 c) Write 1720 in Roman numeral;
 d) Find the predecessor of 47,20,900
28. a) How much is 3,56,23,429 less than 41,29,84,761?
 b) An engine pumps out 14,500 L of water in a day. How many litres of water will it pump in two weeks?
29. a) Rani used 2.25 L of milk for tea, 5.125 L for sweets and 4.5 L for ice-cream. How much milk did she use in all?
 b) Find the difference between 55.55 and 5.555
30. a) The winter break was from 21st December to 5th January. For how many days did the school remain closed?
 b) A show began at 4:30 p.m. and it lasted for 1 hour 25 minutes. At what time did the show end?