

By. Er. Dharmendra Sir

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DPM CLASSES

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

TEST - PAPER (CBSE/NCERT)

PLAYING WITH NUMBERS

SESSION -2024-25

CLASS - 6th

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Time: 1 hr - Playing with numbers :- mm,

Q. 1. Write all the factors of the following :

(a) 24

(b) 36



Q. 2. Find all the multiples of 9 upto 100.

Q. 3. The numbers 13 and 31 are prime numbers.
Both these numbers have same digits 1 and 3.
Find the such pairs of prime numbers upto 100.

Q. 4. Express the following as the sum of two odd primes

(a) 44

(b) 18



Q. 5. Express each of the following numbers as the sum of three odd primes :

(a) 31

(b) 53

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Q. 6. Write the smallest digit and the greatest digit in the blank space of each of the following numbers so that the number formed is divisible by 3

(a) $\underline{\quad} 6724$

(b) $4765 - \underline{\quad}$



Q. 7. Write a digit in the blank space of each of the following numbers so that the number formed is divisible by 11

(a) $92 - 389$

(b) $8 - 9484$

Q. 8. Find the common factors of :

(a) 20 and 28

(b) 56 and 120



Q. 9. Find the least number which when divided by 6, 15 and 18 leave remainders in each case.

Q. 10. Find the LCM of the following numbers:

(a) 9 and 4

(b) 15 and 4

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