

Notre Dame Holy Cross High School, Moharpara

CLASS –VI

SUBJECT- MATHEMATICS

MARKS- 40

A. Answer the following questions. 1x5=5

1. What is Numeration?
2. Write the number 3,05,09,012 in words.
3. What is twin primes?
4. What is prime triplet?
5. Express 35 as the sum of three odd prime numbers.

B. Answer the following questions. 2x2=4

1. Write the prime factorization of 9317 and 4641.
2. How many 7-digit numbers are there in all?

C. Answer the following questions. 3x5=15

1. Find the H.C.F of 2241 and 2324 using division method
2. Arrange in descending order:
190909,1808088,16060666,16007777,181888,1808090.
3. What are prime numbers? Give ten examples.
4. Simplify: $19-[4+\{16-(12-2)\}]$.
5. Find the greatest number which divides 615 and 963, leaving the remainder 6 in each case.

D. Answer the following questions. 4x4=16

1. Simplify: $36 - [18 - \{14 - (15 - 4 \div 2 \times 2)\}]$.
2. The product of two numbers is 2160 and their HCF is 12. Find their LCM.
3. Find the HCF and LCM of 234 and 572.
4. The sale receipt of a company during a year was 20956480. Next year, it increased by 6709570. What was the total sale receipt of the company during these two years?