Solution of Practice set-5

__/__/__

(1)(a) $2570791 = 2\times1000000 + 5\times100000 + 7\times10000 + 0\times1000 + 7\times100 + 9\times10 + 1\times1$

(b) $100025 = 1\times100000 + 0\times10000 + 0\times1000 + 2\times10 + 5\times1$

(c) $1279700025 = 1\times1000000000 + 2\times100000000 + 7\times10000000 + 9\times1000000 + 7\times100000 + 0\times10000 + 0\times1000 + 0\times100 + 2\times10 + 5\times1$

(2)(a) The place value of 6 in the number 7609251 is 600000 & (b) the same for the number 2000603 is 600.
The difference between these two numbers is
$600000 - 600 = 599400$

(3) The 3 digit no.s which can be formed using the digits 0, 2 & 7 are
207, 270, 702, 720
The sum of these nos =
$207 + 270 + 702 + 720$
$= 1899$

(4) 56 78,91,01,112 → Indian → Five thousand six hundred seventy eight thousand ninety one lakh one thousand one hundred twelve.
56,789,101,112 → International - Fifty six billion seven hundred eighty nine million one hundred one thousand one hundred twelve.

5. The smallest six digit number with unique digits is

102345