Sub. – Math

Class – 8th

Note – All Question is compulsory.

Q.1 – Without actual multiplication evaluate the following -.

a) $100^2 - 99^2$ b) $64^2 - 63^2$

Q.2- Find the Square root of 4624 by long division method

Q.3 – Find the smallest number by which 9072 must be multiplied to get a perfect sqare.

Q.4 – What is the smallest number by which 2160 should be divided to make it a perfect be ?

Q.5 – Add the following

a) a+2b-3c, 3b-2a+3c and 5a+2b-c

Q.6 – Multiply the following

a) 6ab by 4a b) $3ab^2$ by $(-5a^2b)$

Q.7 – Using a suitable identity the following –

a) $(101)^2$ b) $(502)^2$

Q.8 – Using identity find the value of $25x^2+60xy + 36y^2$ If $x = -1, y = 2$

Q.9 – Write in standard from (92,80 00 000)