**DELHI PUBLIC SCHOOL ,SRINAGAR**

**ASSIGNMENT- 01(2015)**

**SUBJECT:MATH CLASS:8TH**

Q1. Arrange the following fractions in ascending order 3/8,4/12,

- 7/16,-2/3

Q2. Solve -3/7+[-5/21]

Q3. Show that (-2/5+4/9)+ (-3/4)= -2/5 + (4/9+ -3/4)

Q4. Simplify ( -8/5x3/4) + (7/8x-16/25)

Q5. Find n so that (4/5)³x(4/5)-6 =(4/5) 2n-1

Q6. Evaluate 9.4x15.68

Q7. Evaluate 0.9559÷1.21

Q8. Eleven books are stacked on top of each other .If each book

is 2.35 cm thick, find the height of stack

Q9. Represent 5/11 and -5/11 on a number line. Are they

equidistant from the origin.

Q10.Prove that the sum of angles of a triangle is equal to 180°.

Q11 If x=3, y=2, then (x-y)(x2+xy+y2) is

Q12 Add (i) 3m2+8m-4 and 6m2-m+7 (ii) a2+2ab and -3ab-d2

Q13 Simplify (i) 4x-(-8y-3x) (ii)-(49-a2)-9a2

Q14 Subtract 72pq-30q2-15p2 from 30p2+40q2-12pq ?

Q15 The sides of a triangle are 3x+1, 4x+2 and 5x.Find the perimeter of the triangle.