CLASS -8.   TEST 1

 Subject - MATHS

Time-1hr.   Marks 50
Note- All questions are compulsory
            Section"A"   (4×5=20)
Q.1. Check whether 32768 is a perfect cube or Not.
Q.2. Find the cube root of the given numbers.
1000000 and 15625
Q.3. Draw a line AB=5cm and draw a bisector on it.
Q.4. Explain all angles with figures.
Q.5. Write all laws of exponents.

      Section-"B" (5×6=30)
Q.6. A card is chosen at random from and ordinary deck of playing cards. Find the probability that
a) a diamond is chosen ?
b) a king is chosen ?
c) a 7 of hearts is chosen?
Q.7. A die is rolled once. What is the probability of rolling:
a) a prime number?
b) a even number?
Q.8. Write the following numbers in scientific notation:
a) 0.00000542   b) 0.003142
Q.9. Express as a rational number:
a) (-4/5) raised to the power -2
b) (5) raised to the power-1
Q.10. Express following as an exponent of a rational number.
a) -1/216
b) 64/125
Q.11.Compare : Fill in the blanks with >, < or =.
a) 2.3×10 raised to the power -6 .... 4.65×10 raised to the power -5
b) 7×10 raised to the power -20.........9×10 raised to the power -21