**JIYA LAL MITTAL DAV PUBLIC SCHOOL**

**GRADE – V SA-I (Sept, 2015)**

**SUBJECT – MATHEMATICS**

**TIME:3hrs MM: 90**

**General Instructions:**

1. **The question paper consists of four sections A,B,C,D.**
2. **Section A consists of 10 questions of 1mark each, Section B consists of 10 questions of 2marks each, Section C consists of 10 questions of 3marks each, and Section D consists of 6 questions of 5marks each**
3. **All questions are compulsory.**

**SECTION-A**

**MCQ’s (1mark each)**

1. The digit at the ten thousand place in the number 573,698,545 is:
2. 7 (b) 9 (c) 5 (d) 8
3. The place value of 2 in the number 526,134 is:
4. Thousand (b) Ten Thousand

(c) Hundred (d)Lakh

1. 7953 - \_\_\_\_\_\_\_\_ = 7953
2. 1 (b) 7953 (c) 0 (d) 9537
3. The sum of greatest 4idigit number and smallest 5-digit number is:
4. 10999 (b) 19999 (c) 199999 (d) 99999
5. 4th multiple of 6 is
6. 20 (b) 15 (c) 24 (d) 28
7. Freezing point of water is \_\_\_\_\_\_\_\_\_
8. 100°C (b) 0°C (c) 212°F (d) 32°F
9. The temperature of a healthy body is \_\_\_\_\_\_
10. 32°F (b) 212°F (c) 100°C (d) 98.6°F
11. The sum of three angles of a triangle is \_\_\_\_\_\_\_
12. 90° (b) 180° (c) 270° (d) 360°
13. Fractions having same denominators are called \_\_\_\_\_\_ fraction.
14. Proper (b) Unit (c) like (d) mixed
15. 7½ is a \_\_\_\_\_\_\_\_\_\_\_\_ number/fraction.
16. like (b) proper (c) mixed (d) unit

**SECTION-B**

**Do all questions. Each will carry equal marks. (2marks each)**

1. Add: $\frac{4}{7}+\frac{11}{14}$
2. Multiply: $\frac{2}{5}×\frac{15}{16} $
3. Write the multiples of 6 which are less than 50.
4. Write all the factors of 45.
5. Who prepares a bill and for whom? Name any three bills you receive at home?
6. Name the two scales used for measuring temperature?
7. Convert 45°C in the Fahrenheit scale.
8. Draw a triangle. Name it. Name its sides, vertices and angles.
9. The cost price of a pen is Rs.19 and selling price is Rs.24. Is there a gain or a loss? How much?
10. A shopkeeper purchased a saree for Rs.375 and sold it at a gain of Rs.90. Find the selling price of the saree.

**SECTION-C**

**Short Answer Questions: (3marks each)**

1. A man sold a bag for Rs.85, at a loss of Rs.12. Find the cost price of the bag.
2. Write three uses of bill?
3. The sum of two angles of a triangle is 110°. Find the measure of the third angle.
4. Can you construct a triangle with the line segments of length 11cm, 7cm, 8cm? give reasons?
5. Find the sum of place values of two sixes in

3 6 ,54, 6 2,839.

1. Find the product of: $46239 ×873 $
2. Find the sum of greatest 8-digit, 7-digit and 6-digit numbers.
3. Using the factor tree method, find the prime factorisation of 16.
4. Write the first six multiples of 12.
5. Arrange following in ascending order: $\frac{2}{5} , \frac{3}{2} ,\frac{1}{4} ,\frac{7}{10} $

**SECTION-D**

 **Long Questions:- (5marks each)**

1. Neha needs 1½ metres red ribbon, $\frac{3}{4}$ metres yellow ribbon and 1 metre black ribbon to make a doll. Find the total length of ribbon needed.
2. Find the quotient and remainder: $ 1450145 ÷145 $
3. Form the smallest 8-digit number using the digits 7, 5, 6, 1, 2, 9, 8 and 4. Also write the number name of the numeral formed both in Indian System and in International system.
4. Find the HCF of the 5, 25, 35.
5. Three dozen oranges were sold for Rs.120. If there was a loss of Rs.9. Find the cost price of one dozen oranges.
6. If the measure of one angle of a right angled triangle is 48°. Find the other two angles.