



St. John's Sr. Sec. School For Girls  
Study Material/Worksheets/Assignment

## **Class VII**

Guidelines for home schooling:

- Complete the work given in different subjects according to the instructions given along with each subject.
- Maintain a notebook / register for doing homework of all subjects.
- There is no requirement to print the study material as the written work will be done in a notebook / register.
- The students will bring their duly completed registers once the school reopens. These will be assessed by their teachers.



**St. John's Sr. Sec. School For Girls**  
**Study Material/Worksheets/Assignment**

**Subject: Mathematics**

1. What is the value of:  $(-22)-[(-23)-(-17)-(-61)]$
2. What should be subtracted from -9876 to obtain -9512?
3. The temperature of a city is  $40^{\circ}\text{C}$ . Next day the temperature falls by  $50^{\circ}\text{C}$ . What is the temperature of the city next day?
4. Fill in the blanks:
  - a. Sum of integer and its additive inverse is \_\_\_\_\_
  - b. Sum of -22 and -44 is \_\_\_\_\_
  - c.  $-36 \div (\text{_____}) = -9$
  - d. \_\_\_\_\_ is absolute value of -998
5. Mark the correct option:
  - a. Sum of two negative numbers is always  
(i)Positive (ii)Negative (iii)0 (iv) 1
  - b. Which property is reflected in this equation  $7 \times 5 = 5 \times 7$ .  
(i) Closure (ii)Commutative (iii)Associative (iv)Distributive
6. A divers descends 20 feet in the water from the boat at the surface of a lake. He then rose 12 feet and descends another 18 feet. At this point what is his depth in water?
7. Verify  $a-(-b) = a + b$  for the following values of 'a' and 'b':  
 $a=34$     $b=73$
8. Write down the pair of integers whose:
  - a.Sum is -4   b.Sum is 0   c.Difference is 2   c.Difference is -6
9. Verify the following:
  - a.  $(-22) \times [(-4) + (-5)] = [(-22) \times (-4)] + [(-22) \times (-5)]$



**St. John's Sr. Sec. School For Girls**  
**Study Material/Worksheets/Assignment**

b.  $(-12) \times [(3) + (-9)] = [(-12) \times (4)] + [(-12) \times (-9)]$

10. Evaluate:

a.  $(-100) \div 5$    b.  $(-36) \div (-4)$    c.  $(0) \div (-12)$    d.  $[(-30) \div 5] \div 2$    e.  $(-40) \div 40$

11. The price of the stock decreases Rs. 45 per day for four consecutive days. What was the total change in value of the stock over 4 day period?

12. A group of hikers is descending the mountain at a rate of 600 feet per hour. What is the change in elevation of hiker after 6 hours?

**CHAPTER 2 FRACTIONS**

1. Fill in the blanks: -

i. A fraction is a number which can be written in the form  $a/b$ , where a, b are \_\_\_\_ numbers and  $b \neq 0$ .

ii. If numerator and denominator of a fraction have no common factor other than 1, then the fraction is said to be in its \_\_\_\_\_ form.

iii. are called \_\_\_\_\_ fractions because they represent the \_\_\_\_\_ portion of the whole.

iv. The value of the product of two proper fractions is \_\_\_\_\_ than each of the two fractions.

v. The product of two improper fractions is \_\_\_\_\_ than the two fractions.

vi. A fraction whose denominator is any of the numbers 10,000, 1000 etc, called a \_\_\_\_\_

vii. The product of a proper and an improper fraction is \_\_\_\_\_ than the improper fraction and \_\_\_\_\_ than the proper fraction.



**St. John's Sr. Sec. School For Girls**  
**Study Material/Worksheets/Assignment**

2. State true / false.

- i. Every integer can be expressed as a fraction.
- ii. Natural numbers can be expressed as a proper fraction.
- iii. The reciprocal of a proper fraction is a proper fraction.
- iv. The reciprocal of an improper fraction is an improper fraction

3. A fruit seller buys 712 fruits, of which  $\frac{3}{4}$  are apples. Of all the apples that he bought,  $\frac{1}{3}$  were found to be rotten. If he sold all the good apples at Rs. 514 each. How much money did he receive on selling all the good apples.

4. If  $\frac{2}{3}$  of a number is 6, find the number.

5. Find the product of  $\frac{6}{7}$  and  $\frac{8}{3}$ .

6. Solve the following:

i.  $3 - \frac{2}{3}$

ii.  $4 + \frac{2}{5}$

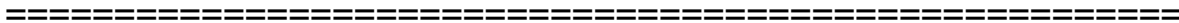
iii.  $\frac{2}{3} + \frac{4}{5} + \frac{2}{5} - 3$

7. Arrange the following in ascending order:

i.  $\frac{2}{7}$ ,  $\frac{3}{5}$  and  $\frac{5}{6}$

ii.  $\frac{1}{5}$ ,  $\frac{3}{7}$ ,  $\frac{7}{10}$ ,  $\frac{1}{6}$

8.  $\frac{1}{8}$  of a number equals  $\frac{2}{5} \div \frac{1}{20}$ . What is the number?





St. John's Sr. Sec. School For Girls  
Study Material/Worksheets/Assignment

**SUBJECT: HINDI**

Worksheet of Hindi language  
class - 7th

Q1. संधि कैसे कहते हैं? यह कितने प्रकार की होती है? प्रत्येक का एक-एक उदाहरण दीजिए।

Q2. स्वर-वर्ण से क्या अभिप्राय है?

Q3. आषा और बौली में अंतर स्पष्ट कीजिए।

Q4. कौष्ठक में से सही शब्द चुनकर रिक्त स्थान भरिए -

1. मनुष्य एक \_\_\_\_\_ प्राणी है। (असंज्ञिक / समज्ञिक)
2. गूंगे-बहर लोग \_\_\_\_\_ भाषा में ही भाषों का आदान-प्रदान कर लेते हैं। (सांकेतिक / मौखिक)
3. \_\_\_\_\_ भाषा में भाव और विचार बहुत दिनों तक सुरक्षित रूपे जा सकते हैं। (मौखिक / लिखित)
4. मनुष्य जब बोलकर अपने विचारों को प्रकट करता है, तब वह भाषा के \_\_\_\_\_ रूप का प्रयोग करता है। (लिखित / मौखिक)
5. अंग्रेजी भाषा \_\_\_\_\_ लिपि में लिखी जाती है। (रोमन / अरबी)

Q5. निम्नलिखित शब्दों में संधि विच्छेद कीजिए -

1. विद्यालय
2. योगीश्वर
3. तथैव
4. मनोहर



St. John's Sr. Sec. School For Girls  
Study Material/Worksheets/Assignment

उ०६. स्वर तथा व्यंजन से आरंभ होने वाले बर्णों को हॉटकर अलग कीजिए -

हर्ष, उन्नाति, आसमान, व्यक्ति, विद्यालय,  
अभिमान, आज, इमली, उल्लू, पराजय

उ०७. सही वाक्य के सामने (✓) और गलत के सामने (X) का चिह्न लगाइए -

1. मौखिक भाषा में भाव और विचार बहुत दिनों तक सुरक्षित रहे जा सकते हैं। ( )
2. संस्कृत, हिंदी व मराठी भाषाएँ देवनागरी लिपि में लिखी जाती हैं। ( )
3. ज्ञान के संचित कोश को उपन्यास कहते हैं। ( )
4. दो वर्णों के मेल को संधि कहते हैं। ( )
5. भाषा का क्षेत्रीय रूप बोलि कहलाती है। ( )



St. John's Sr. Sec. School For Girls  
Study Material/Worksheets/Assignment

**SUBJECT: COMPUTER**

**1. Fill in the blanks.**

- a) ISDN stands for\_\_\_\_\_.
- b) A blog is a\_\_\_\_\_log.
- c) HTML stands for\_\_\_\_\_.
- d) A program is a set of\_\_\_\_\_.
- e) \_\_\_\_\_ is a markup language but not a programming language.
- f) High level languages require a translator that can convert the \_\_\_\_\_ into machine language.
- g) \_\_\_\_\_are directly executable without any interpretation and translation being required.
- h) Watermark is used for\_\_\_\_\_purpose.

**2. What do the following abbreviations stand for?**

- a) COBOL
- b) BASIC
- c) FORTRAN
- d) MSW LOGO
- e) HTML

**3. In which year were the following languages developed:**

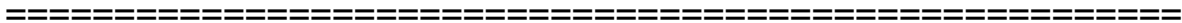
- a) a.) Java
- b) b.) C++
- c) c.) FORTRAN
- d) d.) BASIC
- e) e.) COBOL



**St. John's Sr. Sec. School For Girls  
Study Material/Worksheets/Assignment**

**4. Answer the following questions in brief.**

- a. What is a SmartArt feature?
- b. What is Watermark?
- c. What is MS PowerPoint?
- d. What is animation?



**STAY AT HOME, STAY SAFE**  
**MAKE THE BEST USE OF YOUR TIME**