

**SELAQUI INTERNATIONAL SCHOOL**  
**WINTER VACATION ASSIGNMENT-DEC 2016**  
**CLASS-VI**

**ENGLISH**

• **Chapter- Who am I?**

(Compose a poem)

Write an autobiographical poem so that anyone who reads it will get to know you better. You can write about yourself from any point of view:

1. Likes and Dislikes
2. Aim in Life
3. Happy and Sad Moments

• **Chapter- A Game of chance**

Nouns and Verbs

Pick out 10 words from the lesson which can be used both as nouns and verbs.

You may follow the examples given below:

1. I **trust (verb)** my friend completely. **Trust (noun)** is very important in a relationship.
2. I **respect (verb)** my parents very much. As children, we are taught the importance of showing **respect (noun)** to elders.

**HINDI**

1. नीचे दी गई तस्वीर (picture) के आधार पर एक कहानी लिखिए :-



2. अपनी माँ का चित्र (picture) लगाएं और जीवन में माँ के महत्त्व पर अपने विचार लिखिए ।

3. निम्नलिखित शब्दों को शुद्ध करके लिखिए :-  
परिक्षा , पड़ाई , हिंदुस्थान , आशिरवाद , विधालय , नोकर ,सडक, वधु , कवी , रमेस ,सुर्य , पत्नि , दिवार , भासा , संसारिक ।
4. निम्नलिखित वाक्यों को शुद्ध कीजिए :
- मेरे को मेला देखने जाना है ।
  - राजा बच्चों के साथ खेल रही है ।
  - हमारी अध्यापिका अच्छा पढ़ाता है ।
  - हमारे शरीर के अंदर की अंग हैं ।
  - मैं पढाई किया ।
  - उसने बच्चा रुलाया ।
  - मेरे माता जी आए हैं ।
  - डर के मारे मेरे प्राण निकल गया
  - बच्चे के बोझ बसते का भारी है ।
  - चाचा नेहरू प्रथम प्रधानमन्त्री थे देश के ।
  - नेता जी आ गये हैं ,उनके लिए एक फूल की माला चाहिए ।
  - मेले में बहुत लोगों की भीड़ होती है ।
5. ' जीवन में बढ़ता प्रदूषण ' विषय पर एक अनुच्छेद लिखिए ।

### FRENCH

- **Recueillir les noms des animaux avec ses images en français. (In a scrap book, write the name of animals in French and paste their pictures as well)**

### MATHEMATICS

1. Radius of Earth is 6400 km and that of Mars is 4300000m. Whose radius is bigger and by how much?
2. Find the LCM of 80, 96, 125, 160
3. The floor of a room is 8m 96cm long and 6m 72cm broad. Find the minimum number of square tiles of the same size needed to cover the entire floor.

#### 4. MAGIC SQUARE 4 × 4:

*A great magic square puzzle. In a magic square all the rows, columns and diagonals add up to the same number.*

**CLUE: Each line adds up to 34.**

**ALSO: Each block of 4 squares adds up to 34.**

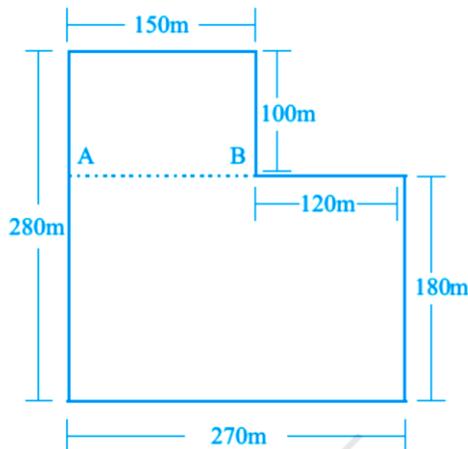
1			4
	6	7	
	10	11	
13			16

**5. SOLVE SUDOKU PUZZLE:**

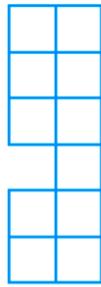
Sudoku means 'single number'.

		3		1	
5	6		3	2	
	5	4	2		3
2		6	4	5	
	1	2		4	5
	4		1		

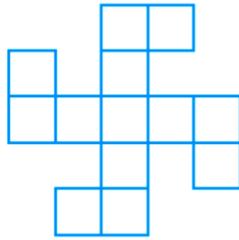
6. Find the integers between  $-8$  and  $9$ .
7. Arrange the following in ascending order:
  - a)  $9, -7, 11, -8, 23$
  - b)  $-98, -91, 0, 3, -11, -23$
  - c)  $-577, -775, -575, -755, -557$ .
8. Write the absolute value of :
  - a)  $-6$
  - b)  $-1000$
  - c)  $7879$
  - d)  $-786$
9. A factory produces 34787 plastic bags in a day. How many bags will it produce in 1 year?
10. Total cost of fencing the park as shown in figure is Rs.55000. Find the cost of fencing per metre.



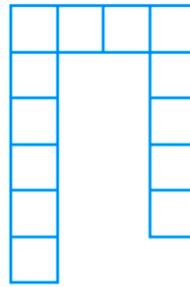
11. Find the area and perimeter of each of the following figures, if area of each small square is 1 sq. cm.



(i)



(ii)



(iii)

12. **ACTIVITY:** Use graph paper to draw two rectangles with same perimeter but different areas. Draw two other rectangles which have same area but different perimeters.

13. Find:

- a)  $456 + (-398) + (-111) - (-78)$
- b)  $-800 + 700 - 900 + 600$
- c)  $-2003 + 16798$

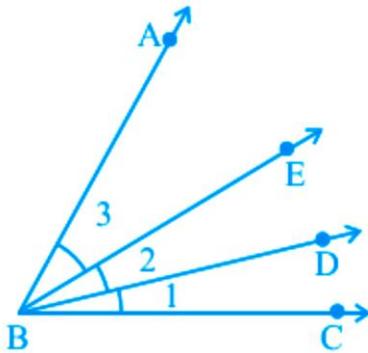
14. Solve the given equations:

- a)  $a - 56 = 75$
- b)  $x - 14 = 34$
- c)  $3x = 876$
- d)  $h - 16 = 67$
- e)  $6x = 3408$

15. Draw a circle of diameter 10 cm and draw a chord in it. Shade the minor segment.

16. Draw a circle of any radius. Draw a chord, a diameter and a radius.

17. Name the following angles of the figure using three letters:



18. How many line segments are there in the following figure? Name them.



19. If  $a = 4$ ,  $b = 6$  and  $c = 3$ , evaluate the following:

- a)  $a + b + c$
- b)  $3a + 3b + 2c$

- c)  $ab + bc + ca$   
 d)  $b \frac{c}{a}$   
 e)  $(a + b + c)^2$   
 f)  $\frac{a+b}{b+c}$

20. Complete the following table:

SITUATION	EXPRESSION
1. x is added to 6.	
2. 5 times t.	
3. x is divided by 7.	
4. Sunita has x pencils and Anita has y pencils. What are the total number of pencils?	
5. In a box, there are y balls. Sunil takes out 10 balls. How many balls are left in the box?	
6. 7 more than w.	
7. The price of 1 kg potato is Rs.20. What is the price of x kg of potato?	
8. The price of radio is Rs. y. Every year it decreases by Rs. 50. What is the price of the radio after one year of purchase?	
9. Kanta has p pencils in her box. She puts q more pencils in the box. What is the total number of pencils?	
10. What is the perimeter of a triangle whose sides are x, y and z?	
11. Amulya is y years old. What will be his age after 5 years?	
12. Kanika is m years old. What was her age 10 years ago?	
13. Anil spends 80 rupees from y rupees. What is the money left with him?	
14. 5 multiplied by x and added to 11.	
15. 9 added to twice a number x.	

### SCIENCE

- Construct a model of electric circuit by using electric bulb, switch, wires, and batteries.

### SOCIAL SCIENCE

**The Vedas are the oldest scriptures in the world library. The fundamental message from the Vedas is to do utmost good and to promote welfare of the world as a whole. In other words, Vedas teach us to promote physical, spiritual and social development of entire mankind without any distinction of caste, colour, creed, religion, race or sex.**

1. Read online about the teachings in Vedas and use these teachings/quotations to make a 12 page calendar (January 2017 – December 2017). On each page, you must mention at least 2 teachings/quotations from Vedas. Bind the calendar by your own creativity and make it attractive.
2. Make a project file on the topic **“Life History of Akbar”**. Collect information from internet and write that in your file, it should also include pictures. A viva will be conducted based on the project report.