

SELAQUI INTERNATIONAL SCHOOL
WINTER VACATION ASSIGNMENT 2017-18

CLASS VI

ENGLISH

1) **Make a colourful chart on any of the following topics:**

- a) Adjectives; b) Health is Wealth; c) Friend or the Enemy (**Chapter**); d) The ant and the Cricket (**Poem**)
e) Pronouns; f) Grain as big as hen's egg (**Chapter**); g) Kalpana Chawla (**Chapter**); h) The Party (**Chapter**)
i) Verbs

2) Download Johnny Grammar's Word challenge and collect all 21 badges. Take a screen shot print it and paste it in the copy for evidence.

3) **Learn for the CAP 4**

The Syllabus is:

Honeysuckle

Kalpana Chawla; A different kind of school; Who I am

Showers of English

Grain as big as hen's egg; Friend and Enemy

Grammar

Adjective; Adverb; Preposition; Story writing

HINDI

| 1 | अपने पड़ोसी के साथ हुई बातचीत को संवाद के रूप में लिखिए।

| 2 | अपने प्रिय स्थान के बारे में छह से आठ वाक्यों में अनुच्छेद लिखिए।

| 3 | दस सुलेख लिखिए।

| 4 | पठित पाठों को पुनः पढ़िए।

टिप्पणी : सारा कार्य अपनी हिंदी की उत्तर-पुस्तिका में कीजिए।

MATHEMATICS

1. **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. In a matchbox there are 50 sticks. How many sticks are there in n matchboxes?	
14. Anil spends 80 rupees from y rupees. What is the money left with him?	
15. 20 less than x .	
16. What is the successor of x ?	
17. What is the predecessor of y ?	
18. 5 multiplied by x and added to 11.	
19. 6 is subtracted from t .	
20. 9 added to twice a number x .	
21. Sum of a , b and c .	
22. Multiplication of a , b and c .	
23. The cost of 1 chair is Rs. 300. What is the cost of x chairs?	

2. If $a = 3$, $b = 5$ and $c = 4$, evaluate the following:

- $a + b + c$;
- $3a + 3b + 2c$
- $a^2 + b^2$
- $\frac{a}{b} + \frac{b}{c}$
- abc
- $ab + bc + ca$
- $b \frac{c}{a}$
- $(a + b + c)^2$
- $ab - bc$
- $\frac{a+b}{b+c}$
- a^3
- b^3
- c^3
- $2ab + 2bc + 2ca$
- $(a + b)^2$
- $(a + c)^2$

3. Solve the given equations:

- $a - 56 = 75$
- $x - 14 = 34$
- $x - 13 = 28$

- d) $3x = 876$
- e) $7x = 203$
- f) $t - 342 = 678$
- g) $d - 456 = 234$
- h) $p - 12 = 73$
- i) $h - 16 = 67$
- j) $6x = 3408$
- k) $9x = 2187$
- l) $7x = 4361$

4. **Find:**

- a) $456 + (-398) + (-111) - (-78)$
- b) $-800 + 700 - 900 + 600$
- c) $-2003 + 16798$
- d) $789 - 564 + (-120) - (-789)$
- e) $765 - (-796) + 2007 - (-478)$

5. **MAGIC SQUARE 4×4 :**

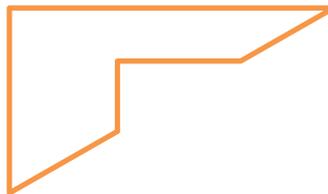
A great magic square puzzle. In a magic square all the rows, columns and diagonals add up to the same number.

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

6. **Measure the sides and find the perimeter of the following figures:**



7. **Measure the sides and find the area of the given figures:**



8. Length of a rectangle is three times its breadth. Perimeter of the rectangle is 40 cm. Find its length and breadth.
9. Length of a rectangular field is 250 m and breadth is 150 m. Mahesh runs around this field 4 times. How far did he run? How many times he should run around the field to cover a distance of 4 km.
10. The perimeter of a regular pentagon is 1540 cm. How long is its each side?
11. Anmol has a chart paper of measure 90 cm X 40 cm, whereas Abhishek has one which measures 50 cm X 70 cm. which will cover more area on the table and by how much?
12. Subtract 6.07 from 456.
13. Add 4.897 and 7.967
14. Subtract 45.786 from 456.
15. **Add the following fractions:**

- a) $\frac{3}{4} + \frac{5}{8}$
- b) $\frac{4}{5} + \frac{6}{5}$
- c) $\frac{4}{7} + \frac{3}{8}$
- d) $\frac{5}{4} + \frac{5}{8}$
- e) $\frac{3}{7} + \frac{5}{21}$
- f) $\frac{3}{16} + \frac{5}{24}$

16. Find the LCM of 45 and 60.
17. Find the LCM of 340 and 240
18. Find the HCF of 45, 60 and 120.
19. The length, breadth and height of a room are 825 cm, 675 cm and 450 cm respectively. Find the longest tape which can measure the three dimensions of the room exactly.
20. Find the prime factorization of:
 - a) 400
 - b) 1000
 - c) 98
 - d) 640
21. The number of Science books sold by a shopkeeper on six consecutive days is shown below:

Days	Number of books sold
Monday	35
Tuesday	50
Wednesday	45
Thursday	60
Friday	30
Saturday	80

Draw a bar graph to represent the above information choosing the scale of your choice.

22. Evaluate:
 - a) $4\frac{1}{3} - 6\frac{2}{3}$
 - b) $6\frac{1}{7} - 5\frac{2}{21}$
 - c) $\frac{4}{5} + \frac{3}{4} - \frac{1}{2}$
 - d) $4\frac{2}{3} - 3\frac{1}{4}$
23. Akash bought vegetables weighing 12 kg. Out of this, 4 kg 500 g is onions, 3 kg 75 g is tomatoes and the rest is potatoes. What is the weight of potatoes?

24. Akash bought vegetables weighing 16 kg. Out of this, 3 kg 525 g is onions, 2 kg 85 g is tomatoes and the rest is brinjals. What is the weight of brinjals?
25. Find the following using number line.
- $-6 + 7$
 - $-3 - 5$
 - $-5 + 2$
26. Find :
- $|-14| + |-15| + |-16|$
 - $|-8| + |-7| + |-6|$
 - $|-5| + |-9| + |-11|$
 - $|4| + |5| + |8|$
27. Find:
- $(-78) - (-15) + 87$
 - $65 - (-44) + (-50)$
 - $34 - (-15) - 67$
 - $(-68) + (-15) + 23$
 - $(-78) - (-65) + (-87)$
 - $44 - (-30) - (-40)$
 - $(-18) - 13 + 42$
 - $20 - 30 + 87$
 - $11 - (-15) - (-8)$
28. The following are the number of fans purchased for a lodging house during the first four months of a year.

MONTHS	NUMBER OF FANS
January	23
February	30
March	44
April	64
May	45

Represent the details by a pictograph.

29. Write next three natural numbers after 209898.
30. Write next three natural numbers after 10898.
31. Write next three natural numbers after 3999.
32. Find the value of the following using distributive property:
- $342 \times 47 + 342 \times 53$
 - $564 \times 23 + 564 \times 77$
 - $9999 \times 7 + 9999 \times 3$
 - $6758 \times 17 + 6758 \times 83$
 - $878 \times 4 + 878 \times 6$
33. Draw a circle of diameter 6 cm.
34. Draw a circle of diameter 8 cm.
35. Draw a circle of diameter 10 cm.
36. Draw a circle of diameter 9 cm.

1. Fill in the blanks:

- a) The successor of 5799 is _____.
- b) The largest four digit number that can be formed using 6, 7, 2, 9 is _____.
- c) The HCF of 15 and 35 is _____.
- d) The smallest composite number is _____.
- e) A number which has only two factors is called a _____.
- f) The line segment joining any two distinct points on the circle is called _____.
- g) _____ is the longest chord in a circle.
- h) A triangle has _____ vertices.
- i) A line segment has two _____.
- j) _____ of a circle is the half of its diameter.
- k) The number of factors of 36 is _____.
- l) Fractions with the same denominator are called _____ fractions.
- m) On the number line, 8 is to the _____ of zero.
- n) Absolute value of -50 is _____.
- o) Absolute value of 18 is _____.
- p) Absolute value of -89 is _____.

37. Determine the smallest 4-digit number which is exactly divisible by 16, 32 and 48.
38. Determine the smallest 4-digit number which is exactly divisible by 15, 30 and 45.
39. Determine the smallest 4-digit number which is exactly divisible by 45, 60 and 75.
40. Write the number name of 967676008 according to International System of numeration.
41. Write the number name of 991200902 according to International System of numeration.
42. Write the number name of 77851102 according to International System of numeration.
43. Express 19 as the sum of three odd prime numbers.
44. Express 17 as the sum of three odd prime numbers.
45. Express 21 as the sum of three odd prime numbers.
46. Out of 180000 tablets of Vitamin A, 18734 are distributed among the students in a district. Find the number of the remaining vitamin tablets.
47. How many grams should be added to 2kg 300g to make it 5kg 68g?

SCIENCE

1. Construct a model of electric circuit by using electric bulb, wires, switches and batteries.

OR

Construct a model of Periscope using cardboard or wood with two plane mirrors.

2. Make a project file on life cycle of frog using pictures and research from internet.

- Project should be **HANDWRITTEN** and made in ruled project papers and bound in a File.
- Students should add relevant images and pictures
- Project must have a Content table in the beginning giving an outline of the Framework of the project, an Acknowledgement thanking and mentioning whoever has helped them and a Bibliography mentioning sources of references used for research.
- The submission date is first Science class after vacations. Any project submitted after that will not be considered for evaluation.

SOCIAL STUDIES

MAP WORK

1. **On an outline map of India mark and label following Harappa sites:**
Harappa, Mohenjo-Daro, dholavira, chandhudaro, kalibangan, banawali.
On a world map label all the major oceans and continents of world.

SCRAP BOOK ACTIVITY

2. **Collect pictures/photographs of the finds of Harappa Civilization, mention heading below every picture.**
Great bath, great granary, seals, terracotta bull, Lothal dockyard, terracotta wheel, Lothal drainage system, Harappa pottery, citadel of Mohenjo-Daro.
3. **Collect and paste pictures of the coins used by Chandragupta Maurya, Bindusara, Ashoka, Ashokan Pillar at Sarnath, Vaishali, Sanchi Stupa.**

FILE WORK- USING A4 SHEET

4. **Make a file using A 4 sheet and complete the following question/answers.**

HISTORY

1. Describe Ashvamedha yajana? **(Lesson 6 history)**
2. Describe mahajanapadas? **(Lesson 6 history)**
3. Explain 5 doctrines of Jainism? **(Lesson 7 history)**
4. Describe the main teachings of Buddhism? **(Lesson 7 history)**

POLITICAL SCIENCE

1. Distinguish between democracy and monarchy? **(Lesson 3 what is government)**
2. Describe powers and functions of the three level of the government?(**Lesson 3 what is government**)
3. What are the three levels of judiciary in India? Describe their functions? (**Lesson 3 what is government**)

GEOGRAPHY

1. Describe the main features of three type's maps? **(Chapter 4 map reading)**
2. Draw the fig 5.15 (layers of the atmosphere) **(Chapter 5 major domains of the earth)**

FRENCH

1. Write the names of days, months and number from 1-50 in French.
 2. Draw or cut and paste any 20 objects of daily use on a sheet, mark them in French.
 3. Draw or paste ten objects of different colors and write their color in French.
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