SAINIK SCHOOL BALACHADI

(2017-18)

SUMMER VACATION HOMEWROK

CLASS : VII

ENGLISH

1. Write 10 pages of cursive writing. (4 line pages : 5x2=10)
2. Make a chart based on degree of comparison on a drawing sheet. Include at least 25 words.
3. Write essay of about 150 words on the following topics:
   (a) Value of Discipline in Student Life
   (b) Career in Defence Forces
4. Write a letter to your younger brother explaining him about the importance of health and hygiene (120 words)

HINDI

प्र.1. अपनी हिंदी की पाठ्यपुस्तक में से 'हिमालय की बेटियाँ' और 'कठपुतली' पाठ अपनी कॉपी में लिखिए।

प्र.2. निबंध लिखिए।(150 शब्दों में)
   (क) प्रदूषण
   (ख) विज्ञान के चमत्कार
   (ग) मेरे जीवन का लक्ष्य।

प्र.3. स्कूल में विलंब से आने के कारण अपने प्राचार्य से क्षमा माँगते हुए पत्र लिखिए।

प्र.4. अपने मित्र को जन्मदिन की वधाई देते हुए एक पत्र लिखिए।

प्र.5. किसी पत्रिका/किताब में से कोई भी चित्र काटकर उसे अपनी कॉपी में चिपकाइए तथा उससे संबंधित कोई दस वाक्य लिखिए।

- **ચિત્રપાઠઃ-**

    તમારી નોટબુકમાં કોઈપણ એક ચિત્ર ચોંટાડી તેના આધારે આઠ(૪) વાક્ય લખો.

- **ગુજરાતી સાહિત્યકારઃ-**

    કોઈપણ એક ગુજરાતી સાહિત્યકારના જીવન-કવન વિશે નોંધ લખો(૧૦૦ શબ્દોમાં)

- **ગુજરાતી લેખનઃ-**

    તમે ઉનાળું વેકેશન કેવી રીતે ગાળ્યું તેને વિશે ૨૦૦ શબ્દોમાં નોંધ લખો.

- **નીચે આપેલ કોષ્ટકમાંથી નદી,પર્વત અને પ્રાણીના નામશોધી તેને રેખાંકિત કરી અને વાક્ય પ્રયોગ કરો.(દસ લખો)**

ના	ઈ	લ	એ	મે	ઓ	ન
સિં	હ	ત	મ	હ	ર	ણ
ધુ	ગં	ગા	ય	ગો	મ	તી
હિ	મા	લ	ય	દા	રા	ગિ
કા	ક	ર	મુ	વ	વી	ર
વે	તા	પી	ના	રી	વ	ના
રી	ન	ર્મ	દા	મો	દ	ર

SAINIK SCHOOL BALACHADI
(2017-18)
SUMMER VACATION ASSIGNMENT
CLASS: VII
SUBJECT:MATHEMATICS

Word Box

Direction: Complete the statements by writing the word from word box on the spaces provided. Each word may be used once, more than once or not at all.

left	right	one	zero
negative	positive	even	odd

1. Integers contain whole numbers and _____ numbers.

2. On a number line, when we add a positive integer or subtract a negative integer, we move to the _____.

3. We move to the _____ on a number line if we add a negative integer or subtract a positive integer.

4. If we add two negative integers, we obtain a _____ integer.

5. If we add two positive integers, we obtain a _____ integer.

6. The additive identity for integers is _____.

7. _____ is the multiplicative identity for integers.

8. Product of a negative and a positive integer is always _____.

9. If the integer –1 is multiplied _____ number of times, the product is (–1).

10. The product of any integer with zero is _____.

11. The sum of an integer and its additive inverse is always _____.

Multiple Choice Questions

Tick (✓) the correct answer for each of the following:

1. When we add a positive integer and a negative integer, the result

   (a) is always positive
   (b) is always negative
   (c) is zero
   (d) can be positive or negative

2. The next term of the pattern –8, –3, 2, 7, ... is

   (a) 11
   (b) 12
   (c) 13
   (d) 14

3. Integers are not closed under

   (a) addition
   (b) subtraction
   (c) multiplication
   (d) division

4. Which of the following pairs of integers does not have –5 as their sum?

   (a) – 4, 1
   (b) –2, –3
   (c) –7, 2
   (d) –8, 3

5. Which of the following pairs of integers have 8 as their difference, when first integer is subtracted from the second?

   (a) – 6, 14
   (b) 8, 0
   (c) – 4, 4
   (d) 3, –11

6. The smallest positive integer is

1. Match the expressions in column I with their values in column II.

	Column I		Column II
(i)	$(-a) + a$	(a)	1
(ii)	$(-a) \div (-a)$	(b)	0
(iii)	$(-a) \times (-1)$	(c)	$-a$
(iv)	$a \div 0$	(d)	a
(v)	$a \times (-1)$	(e)	-1
(vi)	$a + (-a)$	(f)	not defined

Quiz

Rapid Fire

State true (T) or false (F) for each of the following statements:

1. Every integer is a whole number.
2. -7 is smaller than -8.
3. Additive inverse of -10 is 10.
4. When we add a negative integer to a positive integer, we always get a positive integer.
5. $a - (-b) = a + b$ for all integers a and b.
6. If we move 5 steps to the left of 3, we will reach the number 8.
7. 0 is a positive integer.
8. -1 is the greatest negative integer.
9. $(-7) + (-3) < (-7) - (-3)$
10. Whole numbers and integers are closed under addition as well as subtraction.
11. Commutative property of addition states that $(a + b) + c = a + (b + c)$ for integers a, b and c.
12. Product of two negative integers is also negative.
13. If we multiply (-1), $2m$ times, where m is a natural number, we get 1.
14. Division is commutative for integers.
15. For any integer a, $1 \div a = 1$.
16. a is the additive inverse of $-a$.

Assignment

1. Write a pair of integers whose
   (i) sum is an integer smaller than both the integers.
   (ii) sum is an integer smaller than only one of the integers.
   (iii) sum is zero.
   (iv) difference is an integer greater than both the integers.

2. Find $(-25) \times (-32)$ using distributive property.

3. Suppose the distance above the ground is represented by a positive integer, then that below the ground will be represented by negative number. If an elevator descends into a mine shaft at the rate of 6 metre per minute; what will be its position after half an hour?

4. A shopkeeper earns a profit of ₹10 by selling one geometry box and incurs a loss of ₹5 while selling lunch box which are defective.
   (i) In a particular month, he incurs a loss of ₹50 ...

SCIENCE

Q.1 Distinguish between parasite and saprotroph.

Q.2 Explain the photosynthesis process for making the food in green plants.

Q.3 Draw the sketch that plants are the ultimate source of the food.

Q.4 Name the types of carbohydrates that can be digested by ruminants but not in humans. Give the reason also

Q.5 Write the similarity and difference between the nutrition in human and amoeba

SOCIAL SCIENCE

DO ANY 2 OF THESE

1. Aware the friends, relatives, neighbors etc about conservation of Trees, wildlife etc.

2. Visit to any place and write about its climate, Flora & Fauna, history, art & culture etc.

   OR

3. Draw and write about the ideal environment you like. (Lesson -1 Geog . Q 5)

4. Collect specimen of the Minerals found in your district and prepare a report about it.