

SAINIK SCHOOL BALACHADI
2018-19
SUMMER VACATION : HOLIDAY HOMEWORK
CLASS – VII



• **ENGLISH**

1. Write Essays in about 150 words each on the following topics:
 - Wonders of Science
 - My Favourite Teacher
 - Global Warming and Its Effects
2. Write Paragraphs in about 75 words each on the following topics:
 - My School
 - My Ambition in Life
 - My Favourite Leader
3. Write a Self Introduction in about 10 sentences.
4. Write 10 Synonyms. (Difficult words with meanings)
5. Write 10 Antonyms. (Difficult words with their opposites)
6. **Communicative English Assignment:**
 - (a) Write down how to give direction's to your new classmate about:
 - (i) From your classroom to Principals Office.
 - (ii) From your Classroom to Computer lab and Library.
 - (iii) From your School to your respective house.
 - (b) Express your likes and dislikes in a form of Role play with your friend.

• **HINDI**

1. निबंध लिखिए (लगभग 150 शब्दों में)
 - (क) मेरा प्रिय महापुरुष
 - (ख) विज्ञान के चमत्कार
2. अपने पिताजी को अपने विद्यालय तथा अपनी पढ़ाई के संबंध में पत्र लिखिए .
3. विद्यालय के पुस्तकालय में हिंदी पत्रिकाएँ मसूदा देने के लिए प्रधानाचार्य को पत्र लिखिए .
4. अपनी पाठ्य-पुस्तक से बीस पेज कॉपी लिखिए .
5. 'कठपुतली' कविता चित्र के साथ चार्ट पेपर पर लिखिए .

• **GUJARATI**

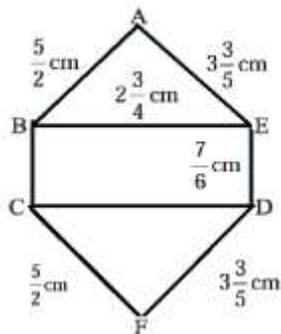
- પત્ર લેખન:-
 - (1) તમે ઉનાળાની રજા કેવી રીતે ગાળવાના છો તે જણાવતો પત્ર તમારા મિત્રને લખો.
 - (2) તમારા ભાઈના લગ્ન હોવાથી બે દિવસની રજા માટે આચાર્યશ્રીને પત્ર લખો.
- નિબંધ લેખન:-
 - (1) ઉનાળાનો અધોર
 - (2) મારો યાદગાર પ્રવાસ
- સંવાદ
 - (1) પિતા અને પુત્ર વચ્ચેનો સંવાદ લખો.
 - (2) શિક્ષક અને વિદ્યાર્થી વચ્ચેનો સંવાદ લખો.
- પ્રોજેક્ટ વર્ક
 - (1) વિશેષણનો અર્થ અને પ્રકારો દર્શાવતો પ્રોજેક્ટ બનાવો.

• **MATHEMATICS**

- Q1. Ramesh solved $\frac{2}{7}$ part of an exercise while Seema solved $\frac{4}{5}$ of it. Who solved lesser part?
- Q2. Sameera purchased $3\frac{1}{2}$ kg apples and $4\frac{3}{4}$ kg oranges. What is the total weight of fruits purchased by her?
- Q3. Suman studies for $5\frac{2}{3}$ hours daily. She devotes $2\frac{4}{5}$ hours of her time for Science and Mathematics. How much time does she devote for other subjects?
- Q4. In a "magic square", the sum of the numbers in each row, in each column and along the diagonal is the same. Is this a magic square

$\frac{4}{131}$	$\frac{9}{131}$	$\frac{2}{131}$
$\frac{3}{131}$	$\frac{5}{131}$	$\frac{7}{131}$
$\frac{8}{131}$	$\frac{1}{131}$	$\frac{6}{131}$

- Q5. Ritu ate $\frac{3}{5}$ Part of an apple and the remaining apple was eaten by her brother Somu. How much part of the apple did Somu eat? Who had the larger share? By how much?
- Q6. Michael finished colouring a picture in $\frac{7}{12}$ hour. Vaibhav finished colouring the same picture in $\frac{3}{4}$ hour. Who worked longer? By what fraction was it longer?
- Q7. Fill in the blanks to make the following statements true:
 (i) $(-5) + (\dots\dots\dots) = (-8) + (\dots\dots\dots)$
 (ii) $-53 + \dots\dots\dots = -53$
 (iii) $17 + \dots\dots\dots = 0$
 (iv) $[13 + (-12)] + (\dots\dots\dots) = \dots\dots\dots + [(-12) + (-7)]$
 (v) $(-4) + [\dots\dots\dots + (-3)] = [\dots\dots\dots + 15] + \dots\dots\dots$
- Q8. In a class of 40 students $\frac{1}{5}$ of the total number of students like to study English, $\frac{2}{5}$ of the total number like to study mathematics and the remaining students like to study Science.
 (i) How many students like to study English?
 (ii) How many students like to study Mathematics?
 (iii) What fraction of the total number of students like to study Science?
- Q9. Sushant reads $\frac{1}{3}$ part of a book in 1 hour. How much part of the book will he read in $2\frac{1}{5}$ hours?
- Q10. Saili plants 4 saplings, in a row, in her garden. The distance between two adjacent saplings is $\frac{3}{4}$ m. Find the distance between the first and the last sapling.
- Q11. Lipika reads a book for $1\frac{3}{4}$ hours every day. She reads the entire book in 6 days. How many hours in all were required by her to read the book?
- Q12. A car runs 16 km using 1 litre of petrol. How much distance will it cover using $2\frac{3}{4}$ litres of petrol.
- Q13. Find the perimeters of (i) $\triangle ABE$ (ii) the rectangle BCDE in this figure. Whose perimeter is greater?



- Q14. A Plane is flying at the height of 5000 m above the sea level. At a particular point, it is exactly above a submarine floating 1200 m below the sea level. What is the vertical distance between them?
- Q15. Mohan deposits Rs 2,000 in his bank account and withdraws Rs 1,642 from it, the next day. If withdrawal of amount from the account is represented by a negative integer, then how will you represent the amount deposited? Find the balance in Mohan's account after the withdrawal.
- Q16. Rita goes 20 km towards east from a point A to the point B. From B, she moves 30 km towards west along the same road. If the distance towards east is represented by a positive integer then, how will you represent the distance travelled towards west? By which integer will you represent her final position from A?

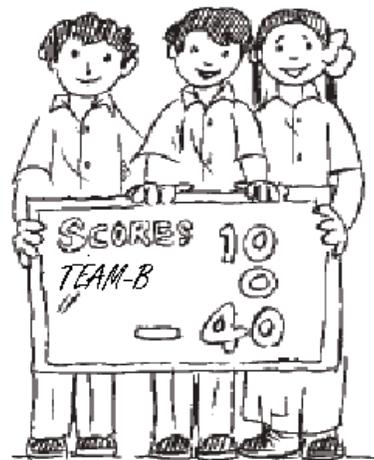


- Q17. A water tank has steps inside it. A monkey is sitting on the topmost step (i.e., the first step). The water level is at the ninth step.
 (i) He jumps 3 steps down and then jumps back 2 steps up. In how many jumps will he reach the water level?
 (ii) After drinking water, he wants to go back. For this, he jumps 4 steps up and then jumps back 2 steps down in every move. In how



- many jumps will he reach back the top step?
- (iii) If the number of steps moved down is represented by negative integers and the number of steps moved up by positive integers, represent his moves in part (i) and (ii) by completing the following;
 (a) $-3 + 2 - \dots = -8$ (b) $4 - 2 + \dots = 8$.
 In (a) the sum (-8) represents going down by eight steps. So, what will the sum 8 in (b) represent?

- Q18. Write a pair of integers whose sum gives
 (a) a negative integer
 (b) zero
 (c) an integer smaller than both the integers.
 (d) an integer smaller than only one of the integers.
 (e) an integer greater than both the integers.
- Q19 Write a pair of integers whose difference gives
 (a) a negative integer.
 (b) zero.
 (c) an integer smaller than both the integers.
 (d) an integer greater than only one of the integers.
 (e) an integer greater than both the integers.
- Q20. In a quiz, team A scored $-40, 10, 0$ and team B scored $10, 0, -40$ in three successive rounds. Which team scored more? Can we say that we can add integers in any order?



• **SCIENCE**

Draw a labelled diagram of alimentary canal

• **SOCIAL SCIENCE**

1. Find out the reasons why our environment is getting degraded with each passing day. Make a chart-table on how to protect the environment for our future generation?
2. What is the "Mid-day meal "programme? Can you list any three benefit of this programme. How do you think this programme might help promote greater equality?
3. What are the difficulties historians' faces in using manuscripts?
4. Differentiate between Natural and Human environment?