

**SAINIK SCHOOL BALACHADI**

**(2017-18)**

**SUMMER VACATION HOMEWORK**

**CLASS : IX**

**ENGLISH**

- Q.1** Write a story in about 150-200 words with the following beginning and give a suitable title to it. Rahul was alone at home. Suddenly the phone rang.....
- Q.2** Read Jerome k Jerome "Three men in a boat" Chapter 1 to chapter 10 and Write a book review.

**Q.3 Identify the figures of speech in the following sentences:**

- 1) To gossip is fault, to libel is a crime, to slander is a sin.
- 2) They speak like saints and act like devils.
- 3) How could he be a king, a soldier and a peon?
- 4) How high, his highness holds his haughty head.
- 5) What avail me, all my Kingdoms?
- 6) Hasten slowly.
- 7) Not that I loved Caesar less, but that I loved Rome more.
- 8) Life is a dream.
- 9) The old, sick dog was put to sleep.
- 10) She was as proud as a peacock.
- 11) It crackled and growled and roared and howled.
- 12) He was conspicuous by his absence.
- 13) More haste, less speed.
- 14) The troops were swifter than eagles and stronger than lions
- 15) O mischief, thou art swift

- Q.4** Write a letter to your younger sister advising her benefits of time-management.
- Q.5** Write a paragraph on the glorious victory of your school in the recent west zone Championship.

**HINDI**

- प्र.1. अलंकार की परिभाषा और उसके भेद उदाहरण सहित दीजिए।
- प्र.2. अर्थ की दृष्टि से वाक्य के भेद उदाहरण सहित दीजिए।
- प्र.3. समास किसे कहते हैं ? समास के भेद उदाहरण सहित लिखिए।

**MATHEMATICS**

1. Construct the square root spiral.  
(Materials required: large sheet of paper, scale and protractor)
2. Create a unique representation for all the number system together in one diagram.
3. Give a brief history of Indian number system.
4. Write 5 points on what is the importance of zero in our life.

5. Write symbol of 1 to 10 in your own mother tongue, and in one foreign language.
6. Check commutative and associative property with respect to addition and subtraction for rational numbers.
7. What is a perfect number?
8. Give difference between prime number and composite number, give examples of such numbers.
9. Find H.C.F and L.C.M of 50 and 30
10.  $4897563239/25$  is it a terminating rational number or not.

## SCIENCE

### PHYSICS

1. Write 25 examples each for a body performing uniform and non uniform motion.
2. Write three points difference between the following
  - (A) Distance and Displacement
  - (B) Speed and velocity
  - (C) Uniform and non-uniform motion
3. Write answers of questions on page no 100 and 102 of Science Text Book.
4. Measure the length of your science book and Science note book and write your answer in metre, Kilometre, millimetre and decimeter.

### CHEMISTRY

1. Define : solids, liquids , gases, diffusion, rigidity, compressibility, latent heat of fusion, latent heat of vaporization, sublimation, melting, melting point.
2. Write 7 points of difference between solids, liquids, and gases.
3. Write the properties of solids , liquids, gases.
4. How does evaporation cause cooling?
5. Differentiate between Boiling and Evaporation.

### BIOLOGY

1. PageNo.65 QNo.- 1,2, 3 & 4.
2. PageNo.66 QNo.- 1, & 2.
3. PageNo.67 QNo.- 4, 5, 6 ,7, & 8.

## SOCIAL SCIENCE

1. What are the common human – induced hazards in your locality which according to you have the likelihood of becoming a disaster? What are the different steps that you would take to reduce their impact?
  - **NOTE** : Write the answer in six pages with suitable examples.