



## **BRAIN INTERNATIONAL SCHOOL**

**Class: IX (2018-19)**

*In our head, we hear a humming,  
Summer, summer, summer are coming  
Soon we're all going on a vacation  
Gearing up with wonderful sensations.*

Summer Vacation is here and brings new opportunities to visit places, meet new people and make new memories. Here are some suggestions to make your summer unforgettable:

- Wake up early and watch the sunrise often missed in our hurry to get ready for school.
- Use at least one new English word everyday in your spoken conversations.
- Don't just speak; let your words be reflected in your actions.
- Plant a sapling where you can ensure that it is growing well.
- With at least one positive action, make someone's life a little better.
- Dance and sing freely – on a stage, while hanging out with friends or even in your room.
- Express your gratitude to at least one person who has special significance in your life.
- Watch a play instead of a movie and discuss it with family and/or friends.
- Read the newspaper daily, cover to cover.
- Plan a dream and its fulfillment.
- Distribute water bottles amongst the poor.
- Feed the birds.

### **ENGLISH**

**Instruction:** Attempt all the given questions in the Writing Skills Notebook

1. Select two poems from the syllabus and highlight the presence of the listed literary devices. Cite suitable examples from selected poems. Given below is a list of literary devices that you can look for in your poem:
  - Simile
  - Metaphor
  - Personification
  - Alliteration
  - Repetition
  - Irony
  - Refrain

2. Research about the life of the famous poet '**William Wordsworth**' and write a biography of the poet in about 100-120 words. Also, paste the picture of the poet.
3. Write an article on the following topics, as per the given roll numbers, in about 100-120 words:
  - Environmental Issues (Roll No. 1-10)
  - Technological Developments of this Decade (Roll No. 11-20)
  - Women Empowerment (Roll No. 21-30 / 31)
4. Read the following stories from the Supplementary Reader Book (Moments):
  - In the Kingdom of Fools
  - Iswaran, the Storyteller
5. Read any one of the following books and be prepare to hold a panel discussion in class based on your reading. The panel discussion will be a team activity where students will enact the roles of the writer, a critic, a producer who wishes to make a movie/television series on the book and an interviewer:
  - Classics- Tom Sawyer (Mark Twain)
  - Fiction- The Chamber of Secrets (The Harry Potter Series-J K Rowling)
  - Short Stories of Rabindra Nath Tagore
  - Movies- Robinson Crusoe

## हिंदी

- 1) अपने मनपसंद किन्ही दो आधुनिक कवियों या लेखकों के जीवन पर आधारित एक पुस्तिका बनाएँ। (जैसे - किशोर शर्मा , अशोक चक्रधर , केशव चंद, काका हाथरसी आदि) पुस्तिका दस पेज की होनी चाहिए।  
(सर्वप्रथम पुस्तक आवरण, तालिका, चित्र, जीवन परिचय पर एक पेज, उनके द्वारा रचित रचना, आपका पसंद करने का कारण )
- 2) किसी भी भारतीय धरोहर पर एक पुस्तक समीक्षा तैयार करें।  
(पुस्तक आवरण, चित्र व उसके सामने उस चित्र से संबंधित जानकारी लिखते हुए पाँच पेज की पुस्तिका बनाएँ। जिसमें वह कब व किसके द्वारा बनाई गई, इतिहास से संबंध, वहाँ की विशेषताएँ लिखी हों। )

## FRENCH

1. On an A4 size sheet make a collage on the topic- School types in French/India.  
Please describe all levels of classes like écolematernal, écoleelementary school etc.
2. Make list of major job occupation in France, Find out which is the most popular one, write about your dream job in your French note book.

## **MATHS**

Do the following exercises from R.S Aggarwal book in the notebook maintained for the same:

### **CHAPTER : NUMBER SYSTEM**

Exercise- 1(G) Q 11 – 18

Multiple Choice Questions (show the entire solution), page – 57

Very Short Answer Questions, page 65 and 66

### **CHAPTER : POLYNOMIALS**

Exercise 3(F)

Exercise 3(G)

Multiple Choice Questions (show the entire solution), page – 138

### **CHAPTER : LINES AND ANGLES**

Exercise 7(C) Questions 10-15

Multiple Choice Questions (show the entire solution), page – 231

Make a model/working model on applications of maths in the following areas:

- (a) Disaster management (Roll no. 1-8)
- (b) Agriculture (Roll no. 9-16)
- (c) Medicine (Roll no. 17-24)
- (d) Nature (Roll no. 25-32)

## **SCIENCE**

A. Prepare working model of green and clean sustainable city comprising of the following :

1. Green School :Which uses solar panel ,chillar plates, water irrigation system(by using left over water in bottles ) (Roll no 1-8)
2. Residential Complex: With provision of rain water harvesting , kitchen garden ,air purifier system . (Roll no 9-16)
3. Hospital: Effective utilisation of bio-medical waste ,segregation on the basis of bio-degradable and non-biodegradable waste , Vermi-composting. (Roll no 17-24)
4. Survey between metros used in India and Maglev train in UK on the theme ”Carbon Footprints”

Make a dummy model for the trains (metro and Maglev train ),Survey on carbon footprints which would be presented in a ppt also showing the merits and demerits possessed by the trains which can be supported by any other illustrations. (Roll no 25-32)

## **SOCIAL SCIENCE**

### **ACTIVITY**

Imagine yourself to be one of the low paid workers in France. Write an autobiographical account of the exploitation of colonizers from the facts provided in the text.

Content (1)

Originality (1)

Relevance (1)

Link with the textbook (1)

Language used (1)