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**APEX PUBLIC SCHOOL**  
Senior Secondary  
(ISO 9001:2008 Certified)  
Apex Avenue, Sant Nagar, Delhi 110084  
Tel: 27617750

## **Holiday Homework (2018-19)**

### **Class – IX**

#### **English**

- Write a story on the basis of your imagination in about 250-300 words.
  - Use A-4 size sheet
  - Paste or draw relevant pictures
  - Prepare questions for comprehension
  - Make glossary at the end
- Make 'Diary Entries' for five special days during summer holidays. (Use A-4 size sheet)
- Collect information about two famous Indian English Writers
  - Use A-4 size sheets
  - Paste pictures
- Read the following stories given in 'Moments'
  - The Adventures of Toto
  - Iswaran the story teller
  - In the Kingdom of Fools

#### **Maths**

- Practice the following chapters from reference book
  - a. Number System
  - b. PolynomialsNote – Do the above mentioned in a separate notebook.
- Make a model / power point presentation according to your roll no.

Roll no. 1-10	Mathematics in nature
Roll no. 11-20	Mathematics in day today life
Roll no. 21-30	Vedic Maths
Roll no. 31-40	Make a poster of any Indian Mathematician and write about his/her work.
Roll no. 41-50	Make five figures using Tangram Puzzle

#### **Science**

- Draw neat and labelled chart of the following topics (Use either a pastel or cartridge sheet)
  - Roll no. 1 to 10 – Different types of animal tissues
  - Roll no. 11 to 20 – Different types of plant tissues
  - Roll no. 21 to 30 – Plant and animal cells

- Roll no. 31 to 45 – Classification of diseases
- Make a model on the following topics (Any one)
  - Roll no. 1 to 10 – Nerve cell or neuron
  - Roll no. 11 to 20 – Types of epithelial tissues
  - Roll no. 21 to 30 – Types of muscular tissues
  - Roll no. 31 to 40 – DNA Structure
  - Roll no. 40 to 50 – Plant cell and Animal cell
- Attempt any 10 questions from the Ch-Fundamental unit of life other than the NCERT book.
- Make a project on genetic diseases in a scrap book or file.
- Prepare a working model of
  - a. Electric Generator (1-25)
  - b. Air cooler (26-48)
- Make an album about
  - a. Issacc Newton (1-15)
  - b. Galilio (16-30)
  - c. Rutherford (31-48)
- Prepare a colourful chart to show
  - a. Newton's law of motion (1-25)
  - b. Application of ultrasound (26-50)

### S.St.

#### **Economics**

Prepare a file

- Write examples of activities done by different workers and farmers. Numerical problems can also be included.  
Please write problems associated with their activities also.
- What are the types of unemployment. Discuss the impact of unemployment.  
(Your students) can also paste pictures to show activities done by workers and farmers.
- Revise / Read Chapter 1, 2

#### **Geography**

- Prepare a poster on any one
  - a. River Pollution
  - b. Depletion of forest and ecological imbalance
- Read / Revise Chapter No. 1,2

#### **Civics**

- Prepare a poster on any one (use A-4 size sheet)
  - a. Elections
  - b. Political parties
- Read / Revise Chapter No. 1,2

## Hindi

निर्देश :- लिखित कार्य ग्रीष्मावकाश गृहकार्य कॉपी में कीजिए एवं किए गए कार्य में अंक दिए जाएंगे।

1. अनुस्वार, अनुनासिक, श्रुक्ता बाले 20-20 शब्द लिखिए।
2. द्रुव का अधिकार, स्मृति, शिल्लू, पाठों के किन्ही बीस शब्दों को छांटकर वर्ण-विच्छेद कीजिए।
3. ईदास कवि की रचनाओं तथा जीवन परिचय से संबंधित सचित्र (अब्जैक्ट) बनाइए।
4. हिन्दी विषय अथवा हिन्दी व्याकरण के किसी भी विषय पर शीन चार्ट बनाइए।
5. कक्षा में पढ़ाए गए पाठों के प्रश्नोत्तर याद करके अभ्यास हेतु कॉपी में लिखिए।
6. अनुच्छेद लिखिए :-
  - जान बचाएँ हेलमेट पहने
  - फैशन की होड़ में बिगड़ता बजट
  - ग्लोबल वार्मिंग : सबकी चिंता का विषय
7. (क) अपने विद्यालय में नए दाखिले हेतु एक विज्ञापन बनाइए।  
(ख) 'जल के बिना जीवन नहीं' जल की उपयोगिता पर एक विज्ञापन बनाइए।  
(ग) स्वच्छता अभियान से संबंधित एक विज्ञापन बनाइए।