

# ARMY PUBLIC SCHOOL JAMMU CANTT

## HOLIDAYS HOMEWORK (2017-18)

### CLASS –VIII

### SUBJECT- MATHS

#### GENERAL INSTRUCTIONS :

1. The area of square is 4 sq. m more than  $\frac{2}{3}$  of the area of rectangle. If the area of square is 64 sq. m, then find the dimensions of rectangle, given that breadth is  $\frac{2}{5}$  of length.
2. Rahul can do  $\frac{2}{7}$  of certain work in 6 days while Suresh can do  $\frac{3}{5}$  of same work in 9 days. They started work together but after 7 days Rahul left the work. Find in how many days Suresh can complete the remaining work.

3. Evaluate  $\left[ \left( \frac{x^p}{x^q} \right)^{p+q} \times \left( \frac{x^q}{x^r} \right)^{q+r} \times \left( \frac{x^r}{x^p} \right)^{r+p} \right]$

4. Evaluate  $\left[ \frac{x^p}{x^p + x^q} + \frac{1}{x^{p-q} + 1} \right]$

5. Anemia causes due to deficiency of Red Blood cells. The size of red blood cell is 0.00000007 mm. Express it in standard form. Rahul is suffering from anemia, his doctor advised him to take healthy food regularly and avoid junk food . Why should we eat healthy food? What values are being promoted?

**Do all questions from Check your progress of chapter-1, chapter-2 and chapter-3 in your holiday homework notebook. Soon after the summer vacations there will be unit test-1 exam.**

### SUBJECT- SCIENCE

1. Collect pictures of any four traditional and two modern methods of irrigation and paste these pictures in your notebook.

2. Find out the names of any five hybrid varieties of wheat crop and rice crop.
3. Collect information and pictures on any five types of microbes and write their role in our daily life.
4. Look around you and observe the types of plastics in use. Classify them in two categories and record your observation in a tabular form as shown below:

PLASTIC	CATEGORY (THERMOPLASTIC/THERMOSETTING PLASTIC)	USE
1.		
2.		
3.		
4.		
5.		

5. Find out the different states in India where mining of ores / minerals is done. Mark and label them on the political map of India. Also write about the ore/mineral that is mined.
6. Science syllabus for UT-1 CH-1,2,3,4.

## **SUBJECT – S.SC**

1. On the political map of India, mark and name the trading centre established by the Portuguese, British, Dutch, British and French. Draw a key by using different colours for different countries.
2. List five products you use and state the primary resource from which each is produced.
3. Make two posters on Fundamental Rights and Fundamental Duties.
4. Read Unit Test Syllabus History Ch-1,2 Geography Ch I, Civics Ch I and 2 .
5. Read History Ch 3,4 Geography Ch 2,3 Civics Ch 3,4.

## SUBJECT – ENGLISH

Write (four) different letters, draft notices (four) , diary entries (four) about the following days celebrated in school.

1. AWES DAY
2. RED CROSS DAY
3. EARTH DAY
4. LABOUR DAY

### One Page of writing daily

*Note: Do your work in a 5 rupees notebook.  
Revise Syllabus of Unit-1*

### संस्कृत

- निम्नलिखित भादरूप व धातुरूप याद करके टिप्पणी पुस्तिका में लिखें। इसकी लिखित व मौखिक परीक्षा भी होगी।
- राम, लता , फल , नदी , साधु ,राजा और तत् के पुल्लिंग व स्त्रीलिंग रूप कक्षा पुस्तिका में लिखें व याद करें।
  - गम् पद् ,कृ और अस् धातुरूप पाँचों लकारों में कक्षा पुस्तिका में लिखे व याद करें।

### विशय : हिन्दी

प्र”न 1 किसी भी घर के बुजुर्ग से मिलकर उनकी दैनिक समस्याओं के बारे में जानकारी एकत्रित कर लिखिए।

प्र”न 2 किसी एसी घटना का वर्णन करो , जब आपने किसी की मदद की हो।

प्र”न 3 ‘अपंगता अभि”ाप नहीं’ विशय पर विचार व्यक्त करो।

प्र”न 4 गाँधीजी हमारे राष्ट्रपिता का जीवन दर्”न का चित्र सहित कमवार वर्णन करो ।

प्र”न 5 व्याकरण पुस्तक से व्याकरण पुस्तिका में क्रम”ा: निम्न भाद लिखकर कंठस्थ करें।

अनेकाथ्री भाब्द	—	54
पर्यायवाची	—	32
विलोम भाब्द	—	100

प्र०न 6 प्रतिदिन एक पृष्ठ सुलेख लिखो ।

## **SUBJECT – COMPUTERS**

Research Project on

Mark-sheet of 5 students with Charts in MS Excel 2010

### **SEWA PROJECT**

Plant a sapling of a fruit tree in your garden . Nourish it and take care of it .

Record the development of the sapling .

Collect young students of your neighbourhood and start a cleanliness drive, educating people to keep their surroundings clean and green.