

# JAY KAY PUBLIC SCHOOL

Hardoi

## Holiday Home Work

for Summer Vacation 2017

**Class : X**

### General Instructions :

- Present your work neatly.
- Questions should be attempted in a sequential manner and a line to be drawn after each question.
- Holiday Home Work should be done on a separate notebook (apart from chart and models)
- Holiday Home Work is fun mixed with learning. So try to explore yourself and make most creative and attractive projects and models by your own.



# Jay Kay Public School Holiday Homework Class - X

## Subject : S.Studies

- \* Make a project file on 'Natural Disaster' and its effect also paste some pictures related to it.
- \* Fill 04 different maps and paste it in your note book.
- Geography :
  - \* Cotton and Jute Industries in India (locate places)
  - \* Oil Refineries of India
- \* Learn V.Short and MCQs of Civics Chapter 1 to 4 (all)
- \* Make a project file on following topics of India (Table form)
  - i. States of India / Area / Capital
  - ii. Leaders of the Revolt of 1857
  - iii. Internal Security of India
  - iv. Organisation and head quarters

## Subject : Maths

- \* Practice sums of Quadratic equation (all types) max<sup>m</sup> 20 questions.
- \* Learn and write all formula of Trigonometry in your note book clearly.
- \* Chapter 3 LCM and HCF of Polynomial Practice and solve sums of each type.

## Subject : Drawing

- \* 10 memory
- \* 5 construction Ch. 1 & 5 Ch. 2
- \* 5 designs with water colour

## Subject : Science

- \* Show the image formation of an object placed in front of concave mirrors, whenever the position of object.
 

a. Beyond centre of curvature	b. At centre of curvature
c. Between centre of curvature and focus	d. Between focus and pole of mirror
- \* Derive formula  $\frac{1}{F} = \frac{1}{u} + \frac{1}{v}$  for a
- \* What do you mean by dispersion of light? Show refraction of white light in prism with the help of ray diagram. Write reason of dispersion.
- \* Write a Haber's process to prepare NH<sub>3</sub> gas in detail and also write five equations.
- \* Project file Human Genetics.

### [Physics]

- \* Learn Lesson - 1 Reflection of light
- \* Learn Lesson - 2 Refraction of light
- \* Learn Chemistry Lesson - 1 Acids base and salt



[2]

**Subject : English**

1. Make a chart of rules of active passive voice.
2. Make a file of 7 Wonders of the world and also write the short notes about them.
3. What do you mean by 'A perfect life' describe it.
4. Learn the chapter - 1, 2 of prose, supplementary and (Long questions, exercise, short questions etc.)
5. Read a novel of Rabindra Nath Tagore. Write its criticals.  
1. Name of Novel      2. Writer      3. Story in brief      4. Their characters
6. Make a comic out of anyone of the popular Akbar Birbal stories. Draw or paste pictures of every story.

**विषय - हिन्दी**

1. निम्नलिखित के गद्य खण्डों के अर्थ संदर्भ सहित लिखो।  
मित्रता, ममता, क्या लिखूँ, भारतीय संस्कृति
  2. जीवन परिचय रचनाएं व भाषा शैली लिखें।  
1. राम चन्द्र शुक्ल    2. जय शंकर प्रसाद    3. पदुम लाल पुन्ना लाल    4. डॉ० राजेन्द्र प्रसाद
- पद्य -
3. सूरदास, तुलसीदास, बिहारी लाल, रसखान, महादेवी वर्मा, सुमित्रा नन्दन पन्त
  4. पद्य खण्डों के अर्थ।
  5. संस्कृत खण्ड के चार पाठों के अर्थ।
  6. रस, छन्द, अलंकार।
  7. संधि, शब्द रूप, धातु व अनुवाद।
  8. निबंध - पर्यावरण, यातायात के नियम, विद्यार्थी जीवन, सामाजिक व राष्ट्रीय त्योहार, अनुशासन, राम चरित मानस, विज्ञान
  - 9.अ. जय सुभाष का चरित्र चित्रण।  
ब. कथानक जय सुभाष खण्ड काव्य का लिखें।
  10. काल भारतेन्दु युग, द्विवेदी युग काल, आदिकाल, रीतिकाल, भक्तिकाल  
उपर्युक्त कालों पर प्रकाश डालिए।