Dr. Virendra Swarup Education Centre, Kidwai Nagar.
Class :- VI

English Literature
- i) Read the novel – The adventures of Tom Sawyer thoroughly for the quiz to be conducted after the holidays.
- ii) Learn the poems for the recitation test.
  - a) Life doesn't frighten me
  - b) Ten tall oak trees
  - c) The muddle head from Petushkee
- iii) Prepare for the literature test properly.

English Language
Do unit – 2, 3, 8 in the book

Physics
To be done in physics notebook.
- a) Make a table to record the maximum temperature, minimum temperature and humidity of your city from 1st June' 18 – 15th June ' 18.
- b) Write in brief about the devices (2 each) for measuring the following physical quantities – mass, length, volume, time, temperature.

Biology
Collect different parts of a plant. Arrange them on $1/4^{th}$ chart paper to give a meaningful picture.
Marks will be allotted on –
- i)   Clarity of the picture
- ii)   Variety of things collected.

Maths
1) Worksheet to be done in revision register
2) Hands on mathematics – Part 1. Do the marked pages of the book.

Geography
1) Prepare a project on Amazon rainforest – Plants, Animals, Climate and deforestation.
   OR
2) Make a project on different landforms. Gather information and pictures or draw them. (like – island, desert, bay, gulf, volcano, canyon, valley, peninsula, ocean, hill, mountain, plateau, river, lake, plain, waterfall, isthmus, glacier, delta)
- Collect information only. Project will be done in class.

Hindi
१. 'प्रार्थना' कविता याद करिए
२. 'प्रेमचंद जी' की कोई एक कहानी पढ़ कर उसे अपने शब्दों में कमेन्ट शीट पर लिखिए

Sanskrit
१. कक्षा में कराये गए सभी पाठों के शब्द – अर्थ याद करिए।
२. 'बालक' 'फल' और 'लता' के शब्द रूपों की तरह अन्य शब्द रूप लिखने का अभ्यास करिए

CLASS-VI   HOLIDAY HOMEWORK   MATHEMATICS

To be done in maths revision register.

I) Write an equation for the following statements and find the solution:

a) x more than 3 is 23

b) 2 less than p is 9

c) 7 times of q is 91

d) Three- fifth of g is 27

e) Quotient of s divided by 12 is 6

f) z decreased by 5 is 18

II) Simplify:

a) $15 + 8.67 - 6 - 11.095$

b) $\frac{2}{3}$ of $144 + 9 \div 3 - 1$

c) $2\frac{1}{4} + 1\frac{1}{6} - 1\frac{2}{3} \div 2\frac{2}{3}$ of $3\frac{3}{4}$

d) $\dfrac{\frac{2}{3} + \frac{3}{4}}{\frac{5}{6} - \frac{3}{8}}$

e) $0.67 - 5.9 - 0.005 + 5$

f) $35 - \{ 9 + 36 \div 4 + (7 - 5)$

g) $(7\frac{1}{5} \div 2\frac{1}{10}) \div 1\frac{13}{14}$ of $\frac{7}{9} - \frac{2}{9}$

h) $\dfrac{\frac{1}{3} \div \frac{2}{5} \, of \, \frac{5}{9}}{\frac{3}{2} - \frac{1}{4} \div 1\frac{1}{3}}$

III) Three traffic lights at three different crossings change after 48 seconds, 72 seconds and 108 seconds respectively. If they start changing simultaneously at 7 a.m. then at what time will they change again simultaneously?

IV) Find the greatest number which divides 1628, 1736 and 268 leaving remainders 8, 11 and 13 respectively.

V) A woman went to the market with a certain sum of money. She spent $\frac{5}{12}$ of it on groceries and $\frac{3}{7}$ of the remaining amount on fruits. What fraction of the sum of money was left with her?

VI) The sum of two numbers is 25. One of the numbers exceeds the other by 9. Find the numbers?

VII) Twice of a number increased by 6 becomes 28, Find the number.

VIII) Calculate the HCF by long division method:a)4048, 3632, 7608 (b) 1380,1435,1620

IX) 20 years from now Neha will be three times as old as she is now. Find her present age.

X) Shubham is 3 years older than Pulkit. Two years ago Shubham was twice as old as Pulkit. Find their present ages?

XI) The sum of three consecutive numbers is 48. Find the numbers.

XII) The LCM of two co-primes is 240. Find the other number if one of the number is 16.

XIII) Calculate the LCM by prime factor method: a) 441, 96, 24 (b) 288, 420, 108

XIV) Find the smallest 3-digit number which is divisible by 8,12 and 18.

XV) 84 m long string is cut into pieces, each of length $5\frac{1}{4}$ m. How many pieces are obtained?

XVI) From a string of 6m length, one quarter is cut away. Find the length of three-fourth of the remaining part.

XVII) Find the smallest number which when increased by 2 becomes exactly divisible by 18, 24 and 96.

XVIII) Deepa is twice as old as her brother. If the difference of their ages is 28 years, find their present ages?

XIX) Solve: a) 5(z + 4)=35   (b) 8x + 4 = 12x – 20

c) 0.6p – 1.9 = 0.2p + 0.5   (d) 2a + 4a = 42

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XX) The sum of one half of a number and 6 is one third of the number. What is the number?