# GURU HAR RAI ACADEMY

## HOLIDAY HOME WORK [2018 – 2019]
## CLASS: VI

| SUBJECT ⬇ | ⬇ HOME WORK ⬇ |
|---|---|
| **ENGLISH** | **#** Read J.K Rowling's famous book "HARRY POTTER " and – <br> o Write a short summary of the story in your words and name the main characters. <br> o Choose at least 10 adjectives from the book and find one synonym and one antonym for all the 10 words. <br> o Make interesting sentences using the same 10 words. <br> o Make a creative book cover for the above mentioned book and also write the name of book and author on it. |
| **BIOLOGY** | **#** Collect different leaves and paste them on the paper to make your own leaf album. <br> [Refer activity -1, Page-12] |
| **CHEMISTRY** | **#** Make a list of 10 chemical compounds which we use in our daily life (Write their name and formula) |
| **PHYSICS** | **#** List the objects about 30 in number available in your surrounding and classify the objects into Solid liquid and gas. <br> **#** To make a chart of invention and write name of inventors in last 50 years. |
| **MATHS** | Sheet given. |
| **GEOGRAPHY** | **#** Draw a sketch from your home to your school on a chart paper. Use suitable colors and symbols to show Important places. |
| **HISTORY / CIVICS** | **#**Draw or paste the pictures of stone age tools and sources of history in history note book. |
| **COMPUTER** | **#** What is browser? Write down its uses. Draw and label different types of browsers available in the market. Which browser you will prefer, give reason. |
| **HINDI** | **#** पर्यावरण स्वच्छता पर २०० शब्दों में एक निबंध लिखें| <br> **#** शाहजहां के प्रेम का प्रतीक "ताजमहल" के विषय में एक लेख लिखें | <br> **[Note: - Do all your Holiday Homework in your Hindi language copy.]** |
| **SANSKRIT** | **#** ५ सुभाषितानि के श्लोक अर्थ सहित लिखें | <br> **#** १ से २५ तक गिनती संस्कृत में लिखें | <br> **#** अकारान्त पुल्लिंग शब्द में राम एवं छात्र का शब्द रूप लिखें तथा याद करें | <br> **[Note: - Do all your Holiday Homework in your Sanskrit copy.]** |

**Note:-**
**\* Do all the homework's in one single scrap book.**
**\* Learn the syllabus of all the subjects for 1st Unit Test**

**Q.1.** Express the following number in words-:- 8853975887

**Q.2.** Find the place value & Face value of all digits:- 43265781

**Q.3.** How many 3 digit numbers can you form by using each of digit 1, 4, 5 only once.

**Q.4.** Simplify:- 235647 - 4678896 - 783459 + 8058465

**Q.5.** Estimate each to the nearest ten/hundred/thousand/ten thousand /lakh/ten lakh /Crore :- 68443675

**Q.6.** Check the divisibility of 2, 3, 4, 5, 6, 7, 8, 9 :       1379358

**Q.7.** Find out prime factorization: (i) 54321           (ii) 13331

**Q.8.** What is the greatest number that will divide 33 and 45 leaving 9 as remainder.

**Q.9.** Reduce in lowest term:- (i) $\frac{156}{150}$                (ii) $\frac{116}{200}$

**Q.10.** Find LCM by prime factorization:- 26, 126, 52

**Q.11.** (i) The LCM and HCF of two numbers are 45, 20 respectively, if one number is 15. Find other number.
     (ii) The first and second number  are 360, 150 and the HCF of these numbers is 30. Find LCM?

**Q.12.** Find product using distributive law. (i) 4123 X 9

**Q.13.** Simplify 7813 X 147 – 47 X 7813

**Q.14.** Find missing digit :- (i)   8  *  7  *
                        +  3  2  *  4
                        ------------------
                        *  *  2  3  0
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**Q.15.** Find the value of:-
 (i) 1 + | 5 |-|-5|                          (ii) 7 + |-2|

**Q.16.** Write integer in ascending & Descending order -8, 2, -3, 0, -4, 6

**Q.17.** Find:-
i) (-150) X (-250)                     ii) (-30) X (+15)

**Q.18.** Find a and b in $\frac{1}{15} = \frac{9}{30} = \frac{3}{b}$

**Q.19.** Write the following fractions in ascending order:-
   $\frac{5}{12} , \frac{3}{8} , \frac{1}{6} , \frac{7}{10}$

**Q.20.** Simplify:-
i) $\frac{7}{12} + \frac{8}{9} - \frac{5}{24}$                     ii) $8 \frac{2}{20} - 3 \frac{7}{30} - \frac{13}{40}$

**Project work:-**

**Students are supposed to select their project according to their class, roll number.**

**[VI A & VI B, Roll no: 1 to 12] Project 1:** Make a geometrical garden or geometrical city using different geometrical shapes.

**[VI A & VI B, Roll no: 13 to 24] Project 2:** Make a clock and set according to the class period.

**[VI A & VI B, Roll no: 25 to 36] Project 3:** Design real number, Prime number, whole number, Integer house.

**[VI A & VI B, Roll no: 37 to 48] Project 4:** Make a project to represent different types of triangle.

**[VI C & VI D, Roll no: 1 to 12] Project 5:** Design a working model to represent number line.

**[VI C & VI D, Roll no: 13 to 24] Project 6:** To identify geometrical shapes, alphabetical shapes, closed figures whether it is symmetrical or not.

**[VI C & VI D, Roll no: 25 to 36] Project 7:** Make a train of 3D geometrical shapes.

**[VI C Roll no: 36 to 44] Project 8:** Design a working model of place value or face value.