

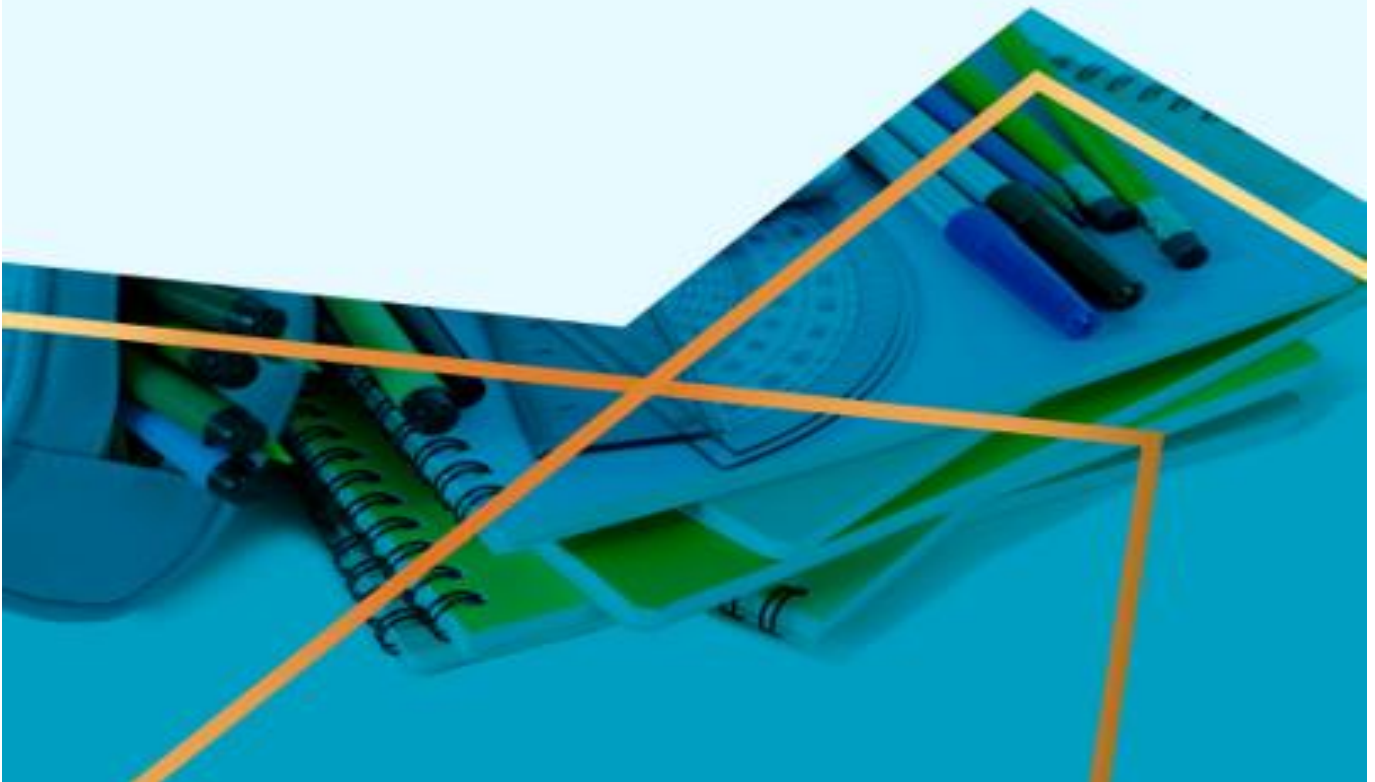
SUMMER HOLIDAY HOMEWORK

Academic Session: 2024 - 25

Name: _____

Class: _____

Roll No.: _____



Note:

- Holiday Homework is part of CCSE evaluation of school for first term.
- Holiday Homework is to be attempted on Holiday homework Notebook or as per directed.
- Get Creative – Help your child make an attractive handmade folder with old newspaper. Decorate it and complete all the holiday homework in it.
- ***This folder contains 5 pages.***

SUBJECT – ENGLISH

1. Write a self-composed poetry on the given topics with minimum 4 stanzas (any 1 topic) Do it in scrap book. (2)
 A) Music B) I am blessed C) My school My pride
2. You encountered two strange people. They were different from normal human beings but they were quite interesting and exciting. As Manish\Manisha, using your ideas, write a story in about 150-200 words narrating your experience with them. Do it in your holiday homework notebook. (1)
3. Make a travel brochure of any country including their food, dress, tourist places, language etc. Also include colourful pictures. (2)

SUBJECT – HINDI

- (1) स्कैपबुक में रामायण की दो चौपाइयां लिखो। (2)
- (2) प्रेम चंद्र या महादेवी वर्मा की कोई एक कहानी A4 Sheet पर लिखो। (2)
- (3) अपठित गद्यांश पेज नंबर - 1.14 से 1.20 तक हॉलिडे होमवर्क कॉपी में करो। (1)
 नोट:- कक्षा में कराया गया सभी कार्य याद करो।

SUBJECT – MATHEMATICS

1. Make a scrapbook activity on cartesian plane of coordinate geometry (1)
2. Make a project file in 10 to 15 pages (used A4 size sheets) on the topic “ ROLE OF NUMBER SYSTEM IN DAILY LIFE”. (2)
3. Solve the following questions in holiday homework notebook (2)
 - Q.1: Find five rational numbers between 1 and 2.
 - Q.2: Find five rational numbers between $\frac{3}{5}$ and $\frac{4}{5}$.
 - Q.3: Locate $\sqrt{3}$ on the number line.
 - Q.4: Are the square roots of all positive integers irrational? If not, give an example of the square root of a number that is a rational number.
 - Q.5: Find the decimal expansions of $\frac{10}{3}$, $\frac{7}{8}$ and $\frac{1}{7}$.
 - Q.6: Show that $0.3333\dots = 0.\overline{3}$ can be expressed in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.
 - Q.7: What can the maximum number of digits be in the repeating block of digits in the decimal expansion of $\frac{1}{17}$? Perform the division to check your answer.
 - Q.8: Find three different irrational numbers between the rational numbers $\frac{5}{7}$ and $\frac{9}{11}$.
 - Q.9: Visualise 3.765 on the number line, using successive magnification.
 - Q.10: Add $2\sqrt{2} + 5\sqrt{3}$ and $\sqrt{2} - 3\sqrt{3}$.
 - Q.11: Simplify: $(\sqrt{3} + \sqrt{7})(\sqrt{3} - \sqrt{7})$.
 - Q.12: Rationalise the denominator of $\frac{1}{[7 + 3\sqrt{3}]}$.
 - Q.13: Represent $\sqrt{9.3}$ on the number line.
 - Q.15: What is the product of a rational and an irrational number?
 - Q.16: What is the value of 246.75×345.69 ?
 - Q.17: If $a + b + c = 15$ and $a^2 + b^2 + c^2 = 83$, find the value of $a^3 + b^3 + c^3 - 3abc$.
 - Q.18: If $(x - \frac{1}{x}) = 4$, then evaluate $(x^2 + \frac{1}{x^2})$ and $(x^4 + \frac{1}{x^4})$.
 - Q.19: Find the values of a and b so that $(2x^3 + ax^2 + x + b)$ has $(x + 2)$ and $(2x - 1)$ as factors.
 - Q.20: Check whether $(7 + 3x)$ is a factor of $(3x^3 + 7x)$.
 - Q.21: Factorise $x^2 + \frac{1}{x^2} + 2 - 2x - \frac{2}{x}$.
 - Q.22: Plot the following points and check whether they are collinear or not:
 - (i) (1, 3), (-1, -1), (-2, -3) (ii) (1, 1), (2, -3), (-1, -2)
 - (iii) (0, 0), (2, 2), (5, 5)
 - Q.23: Without plotting the points indicate the quadrant in which they will lie, if
 - (i) the ordinate is 5 and abscissa is -3 (ii) the abscissa is -5 and ordinate is -3
 - (iii) the abscissa is -5 and ordinate is 3 (iv) the ordinate is 5 and abscissa is 3

Q.24: Write the answer to each of the following questions:

- (i) What is the name of the horizontal and the vertical lines drawn to determine the position of any point in the Cartesian plane?
- (ii) What is the name of each part of the plane formed by these two lines?
- (iii) Write the name of the point where these two lines intersect

Q.25: Solve these following equations:

- (i) $3x + 3 = 15$
- (ii) $2y + 7 = 19$

SUBJECT – SCIENCE

***In notebook-(In holiday Homework notebook) (1)**

Solve the numericals based on the distance time graph and velocity time graphs of chapter motion.

***In scrap book :- (2)**

1. Paste the picture of the process of sublimation. [Odd Roll no]
2. Draw clear neat and clean diagram of Tyndal effect. [Even Roll no]

***On chart paper:- (Diagrams) (2)**

1. Different types of cells (roll no 1-13)
2. process of Osmosis (Endo and exosmosis) (Roll No 14-30).
3. plant and animal cells (different types of cell organelles in each) (Roll no 31-45)

SUBJECT – SOCIAL SCIENCE

Q. 1 Project based learning (2)

Prepare a project file on the topic **Climate change**

- | | |
|--|------------------------|
| i) Greenhouse effect | ii) Global warming |
| iii) Causes and effect of the phenomenon | iv) action initiatives |

General Information:

- i) topic is related to effects of climate change
- ii) the project file should include minimum 8 pages.
- iii) it should be clear hand work and with relatable coloured pictures.
- iv) helping guidelines about the concept

Q. 2. Scrap Book– (Based on Eco ch1) (1)

Draw a picture of ideal village and describe the main features also in short.

Q. 3. Learning enhancement (2)

- i) Learn more about Ch. 1 History (French revolution) and do any 20 short questions in H.HW notebook.
- ii) Learn about the guiding values of the constitution that mentioned in the Preamble. Also note down in your H.HW Notebook.

SUBJECT – INFORMATION TECHNOLOGY

1- Make a beautiful practical file on given topic of (3)

Ch – 1 Styles and Images in Writer.

Ch – 2 Templates and customise tables of content in writer.

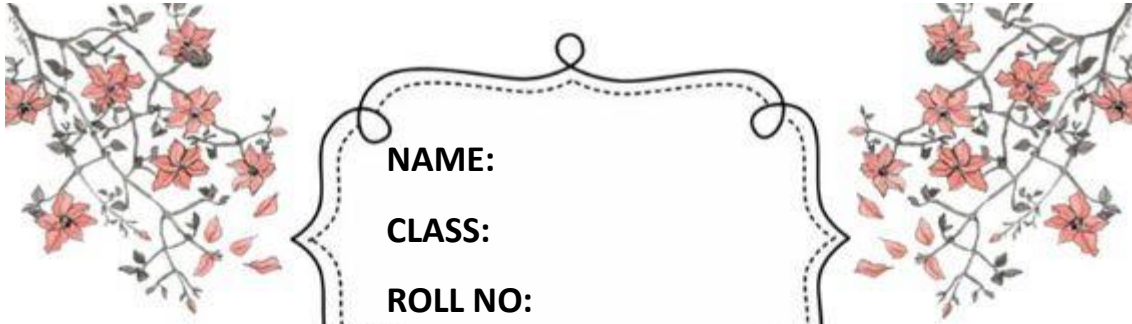
(attach a printout of practical and write about it) (atleast 10 pages).

Topics of Practical:- (do any 10)

- | | |
|--|--|
| (i) Applying 5 types of Styles in a document. | (ii) Create new style using dragon drop. |
| (iii) Create and update new style from selection. | (iv) Inserting pictures from file. |
| (v) To resizing an image. | (vi) Cropping an image. |
| (vii) Insert drawing object in document. | (viii) Filling colour in a drawing object. |
| (ix) Grouping and Resizing multiple drawing objects. | (x) Create a new template. |

2- Make a PowerPoint Presentation on "How to Conserve Resources". Add at least 10 slides and mail it to your Subject teacher. (2)

Subject teacher's E-mail id : DBS2200077@doonbharti.com



NAME:
CLASS:
ROLL NO:

STRENGTH

WEAKNESS

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YOUR DAILY GOALS

