

**DELHI PUBLIC SCHOOL**  
**MATHS HOLIDAY ASSIGNMENT**

1. Convert the Roman numerals XIV and XXIX into Hindu-Arabic numerals, add them together, and write the sum back in Roman numerals.
2. A Roman emperor wrote the year MCMXCIV on a monument.
  - a) What year is this in Hindu-Arabic numerals?
  - b) How many different Roman numeral symbols are used in this number?
3. A scroll says:  
"The battle occurred in the year that is the sum of DCL and CXLIX."
  - a) What is the year in Roman numerals?
  - b) What is the year in Hindu-Arabic numerals?
4. A hall has 18 rows of chairs. Each row has 20 chairs. If 300 guests are expected, how many chairs will be empty?
5. A school bought 18 packs of markers. Each pack contains 12 markers. 86 markers were used. How many markers are left?
6. Simplify the numerical expressions:
  - a)  $100 - [40 \div (8 + 2)] + 5 \times 3$
  - b)  $(18 + 6) \div 3 \times (12 - 7) + 10$
  - c)  $(45 \div 5 + 7) \times (3 + 2)$
  - d)  $[30 + (10 - 4) \times 2] \div 4$
7. A team scores the following points in 5 games: 70, 80, 90, 85, and 95. What is their average score for the season?
8. The heights of 5 students in a class are: 150 cm, 155 cm, 160 cm, 165 cm, and 170 cm. What is the average height of the students?
9. The temperature of a city over the past 7 days was: 22°C, 24°C, 26°C, 23°C, 25°C, 24°C, and 27°C. What is the average temperature over the week?
10. Round off the following numbers
  - a) 10783 (nearest thousand)
  - b) 23674568 (nearest lakh)
  - b) 47.8491 (correct to two decimal places)
11. Express the fractions as a decimal correct to three decimal places:
  - a)  $\frac{6}{7}$
  - b)  $\frac{46}{17}$
12. Competency based questions:
  - a) A teacher has 288 books and wants to arrange them equally in 12 shelves. How many books will go on each shelf? If she removes 24 books to donate, how many books are left per shelf now?
  - b) Each bus can seat 45 students. Your school needs to take 320 students on a field trip. Estimate how many buses are needed using rounding or compatible numbers.
  - c) The average score of 5 students in a test is 76. Four students scored: 82, 74, 69, and 80. What was the score of the fifth student?
  - d) I am a Roman numeral. If you subtract X from me, you get XL. What Roman numeral am I?

### **13. LEARN AND PRACTICE TABLES TILL 20**

### **14. ACTIVITY TIME :-**

- a) Activity on experiential learning skill:- Write 7 basic symbols of Roman numeral and write 5 sums of addition and subtraction on a 1/4th chart paper. (use innovative ideas)**
- b) Write weight of 7 different fruits name with pictures and find the average on a 1/4th chart paper. (use innovative ideas)**
- c) ART INTEGRATED LEARNING :- Use four fundamental operations to plan a small event like Birthday party on the chart paper. Use your own creative ideas. { PRACTICE MATHS REGULARLY}**

**Delhi Public School, Dhanbad**

**Summer Holiday Assignment**

**Std V      English**

**Read the passage and then answer the questions that follow:-**

**COMPREHENSION PASSAGE**

**The water man**

**It had not rained for two years in the state of Maharashtra. Lakes, wells, tanks and even small rivers had dried up. Without water ,plants had withered.**

**Many animals moved to far- off places in search of water. A man named Eknath decided to go to Benaras on a pilgrimage and pray for rains. Those were the days when there were no trains or buses. Eknath walked all the way to Varanasi. He took a dip in the river Ganga and prayed.**

**A kind Saint told Eknath that he should carry waters of the holy Ganga to his village and pour it on the Shivling in his village temple. Then it would rain. Eknath thanked the Saint.**

**As Eknath neared his village, a huge crowd joined him. Eknath noticed a sick donkey, when he was about to enter the village temple. The donkey badly needed some water to drink. Chanting the name of Shiva, Eknath poured some water into the donkey's open mouth. The donkey got some strength to get up. A cool breeze blew and then it started to rain .**

**Eknath , they say brought rains to the village.**

**Q1. Write whether the statements are True or False:-**

- a. The state of Maharashtra had no rains for two years.---**
- b. Eknath decided to go on a pilgrimage by train.-----**
- c. During his pilgrimage Eknath met a saint.-----**
- d. Eknath noticed a donkey near the temple.-----**
- e. Eknath couldn't bring rains to the village.**

**Q2. Complete the following sentences:-**

- 1. Lakes, wells, tanks-----**
- 2. Many animals moved to –**
- 3. He took a dip-----**
- 4. When Eknath neared his village-----**
- 5. Eknath poured some water -----**

**Q3. Choose the correct synonyms of the given words from the passage :-**

- a. Dried**

1. Shrunk, 2. Withered
- b. A religious journey
  1. Pilgrimage, 2. Tour

**Q4. Fill in the blanks:-**

1. Eknath walked all the way to -----
2. He took a dip in the----- and prayed.
3. Eknath thanked the -----
4. As Eknath neared his village, a ----- crowd joined him.

**Q5. Find out five Singular Nouns and five Plural Nouns from the passage.**

**Singular-----,-----,-----,-----,-----**

**Plural-----,-----,-----,-----,-----**

**Q6. The title of the passage is given as The Water Man. Think of another title that can be given to this passage.**

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**Q7. Make a Word – Tree of 4 words from the root word ‘for’**

-----, -----, -----, -----

**Q8. Build a Word-Family of 4 words from the word ‘pilgrimage’**

-----,-----,-----,-----

**Q9. Frame sentences of your own :-**

1. badly
2. pour
3. far-off
4. strength

### **GRAMMAR**

**Q10. Write whether the following are Countable(C) or Uncountable Nouns(UC):-**

1. milk-----
2. mice-----
3. tea---
4. sugar-----
5. bread-----

**Q11. Form Abstract Nouns:-**

1. good-----
2. boy-----
3. educate-----
4. grow-----

**Q12. Write the Plural Nouns of:-**

1. quiz-----
2. scenery -----

3. cliff----- 4. logo-----

**Q13. Complete 15 pages of Cursive Writing book.**

**Q14. Learn the poems**

1. A Parent's Prayer
2. Paper Boats and
3. Someone

**COMPETENCY BASED QUESTIONS**

**Q15. Circle the odd one out:-**

1. friend, chair, coffee, finger, pen
2. pack, herd, bevy, beach, bunch
3. justice, division, decision, friendship, kind
4. dogs' ears, ducks' beaks, fox's eyes, sheep's wool, horses' stables

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Summer Holiday Assignment  
Social Studies  
Std 5

Q1a. Design a travel itinerary for a month-long journey across all seven continents. Which continents would you visit, and why?

b. Name a continent which you think is quite diverse in nature and find out the features and reasons which make it unique?

Q2 Why are oceans important to us?

Q3 Find out the reasons why aeroplanes fly in stratosphere?

Q4 Find out why pole star was used to find directions during ancient times and how?

Competency based question:

a. what are the benefits of using symbols on a map?

b. Draw some common signs and symbols used in a map with their meanings.

Q5. Make a model showing the different layers of atmosphere and write some important facts about it.

Or

Make a model of Biosphere and label it.

Q6. Fill in the blanks:

a. \_\_\_\_\_: saline water:: 2.5% Fresh water

b. 78% \_\_\_\_\_: 21%: Oxygen

c. 21st June: Summer Solstice:: \_\_\_\_\_: winter solstice

d. On March 21st :

spring in N.H.: \_\_\_\_\_: in S.H

e. \_\_\_\_\_: hottest desert:: Gobi Desert: coldest desert

Q7. Define-

1. Isthmus of Panama

2. Mariana Trench

3. Circle of Illumination

4. Lithosphere

Q8. Give reason-

a. seasons change

b. Life is only present on earth.

Q9. Name the continent in which you find the following-

a. Sahara desert-

bApplanchian Mountains-

c.Angel Falls-

dAmazon Rain forest-

e.Great Barrier Reef-

**DELHI PUBLIC SCHOOL, DHANBAD**

**CLASS : V**

**SUB: SCIENCE**

- I. DIFFERENTIATE BETWEEN THE FOLLOWING :- (Only 2 points)**
  - 1. Self Pollination and Cross Pollination**
  - 2. Stamen and Pistil**
  - 3. Tendons and Ligaments**
  - 4. Gliding Joint and Ball and Socket Joint**
  - 5. Strain and Sprain**
- II. GIVE REASONS FOR THE FOLLOWING:-**
  - 1. The last two pairs of ribs are called floating ribs.**
  - 2. The Skeletal muscles are also known as voluntary muscles.**
  - 3. The seeds of xanthium get dispersed by animals.**
  - 4. The Petals of flowers are brightly coloured and attractive.**
- III. DRAW A WELL LABELLED DIAGRAM OF THE FOLLOWING:-**
  - 1. Cross Pollination**
  - 2. Parts of a flower (Hibiscus)**
  - 3. Rib Cage**
  - 4. Limbs**
  - 5. Types of Muscles**
- IV. ACTIVITY :-**

**Field work : Visit a nearby village and find out about a local fruit/vegetable/ crop grown. Collect data ( Sowing , harvesting time, various methods involved, kind of Pesticides used). Also find about whether the plant is grown through vegetative propagation or through seeds.**

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**Q1. Fill in the blanks:**

- a. A \_\_\_\_\_ is a way to organise text into rows and columns.
- b. \_\_\_\_\_ means combining two or more cells in the same row or column into one cell.
- c. \_\_\_\_\_ a cell means dividing it into two or more cells.
- d. \_\_\_\_\_ a table means changing its position.
- e. \_\_\_\_\_ a table means adjusting its size.
- f. You can quickly format your entire table with a style is known as \_\_\_\_\_
- g. Options for inserting rows and columns are available on \_\_\_\_\_ tab.

**Q3. Choose the correct answer from the clue box.**

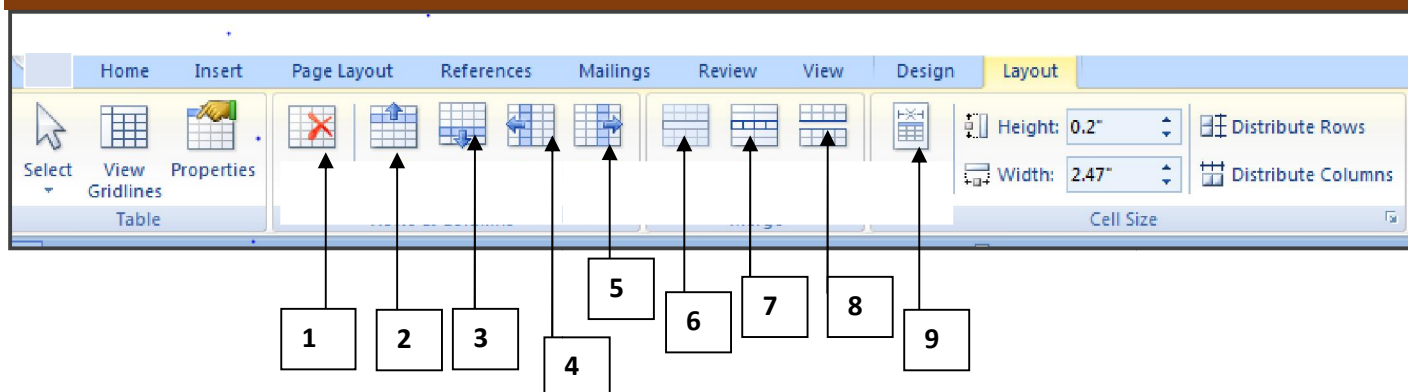
1. White right pointing arrow    2. Black down pointing arrow    3. Black right pointing

- a. To select a single cell, we move the mouse pointer towards the left edge of the cell and then the mouse pointer becomes \_\_\_\_\_
- b. To select an entire row, we move the mouse pointer outside the left edge of the first cell in the row and the pointer becomes a \_\_\_\_\_
- c. To select an entire column, we move the mouse pointer outside the top edge of the first cell in the column and the pointer becomes a \_\_\_\_\_

**Q4. Complete the table**

Commands/buttons	Tabs	Group
a. Table		Tables
b. Delete	Layout	
c. Insert Left& Insert Right	Layout	
d. Splitting & Merging		
e. Column width		Cell size
f. Autofit		
g. Borders and shading	Home	
h. Table Styles		Table Styles

**Q4. Label the various buttons in the Layout tab.**



## Holiday Assignment



*Delhi Public School, Dhanbad*

**Summer Holiday Assignment**

**Subject: Computer**

**Std:V**



**Q1.Solve the given puzzle**

### Across

- Software designed for specific purpose are also known as \_\_\_\_\_
- This was the first calculator invented in the year 1642.

### Down:

- It is the example of photo editing software
- A set of instructions given to a computer to make it work.

a

A					C						N
---	--	--	--	--	---	--	--	--	--	--	---

c

d

G	
P	T

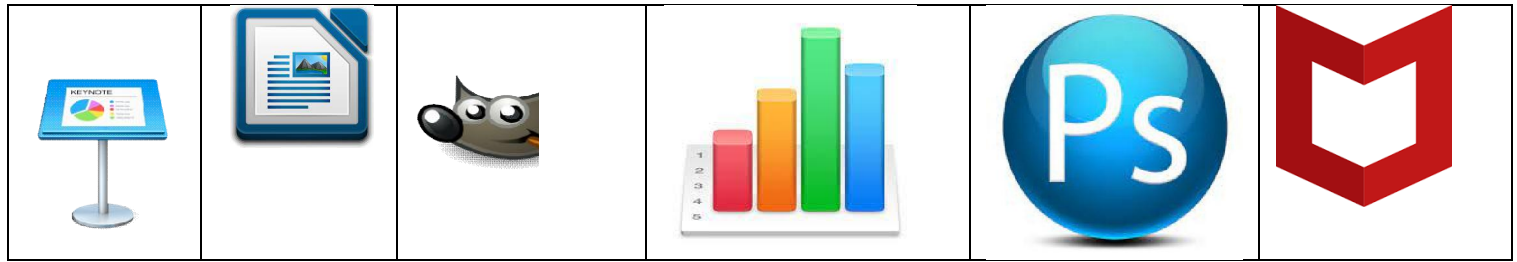


b

P								E
---	--	--	--	--	--	--	--	---



## Q2. Identify the software:



1.

Solve the Sudoku puzzle given below:



1		2	4
2	1		3
	4		2

Q2. In a certain code, TRIPPLE IS written as SQHOOKD. How is DISPOSE written in that code?

(i) CHRONRD (ii) DESOPSE

(iii) SDESHGO

3. Find the mystery number

9	145	8
4	41	5
7	?	8

**Q3.Fill in the blanks:**

- a. \_\_\_\_\_ controls the entire computer system including the hardware.
- b. \_\_\_\_\_ is the first software that is loaded into computer's main memory.
- c.The \_\_\_\_\_ software is designed to perform basic maintenance tasks on a computer.
- d. \_\_\_\_\_ are software created to destroy data and files on a computer.
- e. \_\_\_\_\_ occurs when a file is scattered to different parts of the hard disk.
- f.Application Software helps us to carry out a \_\_\_\_\_ task.
- g. \_\_\_\_\_ utility software is like cleaning agent of our computer.

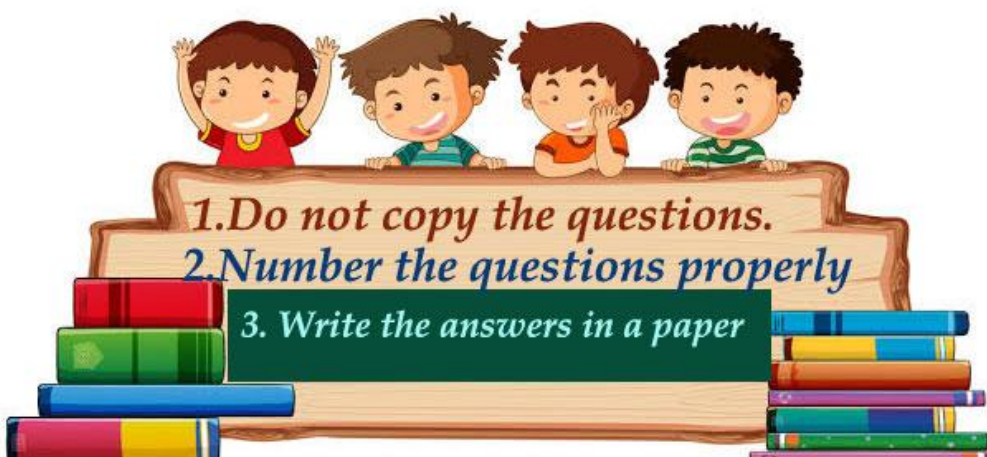


**Q1.Making a model of any one calculating devices and write few lines on it. OR**

**Q3.Make a placard on any one type of softwares**

**(i)Application Software (Word Processing , Presentation Software, Spreadsheet, Photo Editing Software)any one of these and write few lines on it.**

**ii) System Software(Operating System, Antivirus Utility Software) any one of these and write few lines on it.**



दिल्ली पब्लिक स्कूल, धनबाद।  
ग्रीष्मावकाश गृह कार्य

विषय: हिंदी  
कक्षा: पंचम

प्रश्न 1-निम्नलिखित प्रश्नों के उत्तर कम शब्दों में दें।

- क) करण स्वभाव से कैसा लड़का था?
- ख) घायल कबूतर को मरहम किसने लगाया?
- ग) बुद्धिमान शब्द किस स्त्री ने अपने बेटे के लिए प्रयुक्त किया?
- घ) पहली स्त्री ने अपने बेटे को क्या कह कर संबोधित किया?
- ड) लिलिपुट पर किस देश ने आक्रमण करने की योजना बनाई?

प्रश्न 2) भाववाचक संज्ञा शब्द से विशेषण बनाइए।

अच्छाई, भूख, बुराई, बुढ़ापा।

प्रश्न 3) बहुवचन रूप लिखिए।

बेटा, पक्षी, कुआं, स्त्री, घड़ा, गायक।

प्रश्न 4) माता-पिता के प्रति हमारे क्या-क्या कर्तव्य हैं? अपने शब्दों में लिखें।

प्रश्न 5) 'भारत का राष्ट्रीय पशु' क्या है? A/4 साइज पेपर पर उसका चित्र बनाइए और उसके विषय में कुछ पंक्तियां लिखें।

प्रश्न 6) योग्यता पर आधारित प्रश्न।

क) निम्नलिखित में से संज्ञा शब्द कौन-सा है?

राम तेज चलता

ख) 'जो पढ़ाई करता है' इस वाक्य के लिए उपयुक्त शब्द होगा-

विद्यार्थी लेखक हीरो

ग) आपके दादाजी का बेटा का भाई आपका क्या लगेगा?

चाचा मामा भैया

प्रश्न 7 परियोजना कार्य।

क) चार्ट पेपर पर गुलीवर और लिलिपुट वासियों का दृश्य चित्रित करें।

अथवा पत्रिका, रंगीन कागज और चित्र की कटिंग से कोलाज तैयार करें।