Delhi Public School, Dhanbad
Monthly Assignment
Std. V
Computer

Q1. Fill in the blanks:

1. A set of instructions written in a language that a computer can understand is called a _____.
2. An algorithm is a ____-by-step procedure to solve a problem.
3. A flowchart is a _____ representation of an algorithm.
4. Machine language consists of only ____ and _____.
5. A compiler converts the _____ program into machine language at once.

Q2. Write short notes on the following:

1. High-Level Language
2. Assembly Language
3. Natural Languages

Q4. Give examples:

1. Procedural language
2. Non-Procedural language

Q5. With the help of a diagram, show the working of Assembler and Interpreter / Compiler. (Hint: Page 75 , Chapter 5)

Q5. Write algorithms and draw flowcharts for the following:

1. Addition of Two Numbers

Write an algorithm and draw a flowchart to input two numbers, add them and display the result.

2. Find the Area of a Rectangle

Write an algorithm and draw a flowchart to calculate the area of a rectangle using the formula:
Area = Length X Breadth

Q6. Competency-Based Questions:

1. Anvika wants to write a computer program. She writes instructions using English-like words so that they are easy to understand and write.

a) Which type of computer language is Riya using?

b) Is this language machine-dependent or machine-independent?

2. Devansh has written a program in a high-level language. However, the computer cannot understand it directly.

a) Which software is needed to translate the program into machine language?

b) Name any two types of this software.

Delhi Public School Dhanbad

Class 5 Science Monthly Assignment (October

Topic: The Circulatory System and the Excretory Systems

Name: _____ Class & Sec _____

Roll No.: _____

Section A: Fill in the blanks :-

1.The heart beats _____ times per minute .

2.Blood carries _____ and nutrients to different body parts.

3.The _____ carry blood away from the heart.

4.The kidneys help to filter _____ from the blood.

5.The _____ stores urine before it leaves the body.

6.Urine leaves the body through a tube called the _____.

Section B: Choose the correct answer :-

1.Which organ pumps blood?

a) Lungs

b) Heart

c) Kidneys

d) Stomach

2. How many chambers does the human heart have?

a) Two

b) Three

c) Four

d) Five

3. Which organs filter waste from the blood?

a) Kidneys

b) Heart

c) Brain

d) Lungs

4. What is the liquid waste produced by the kidneys called?

a) Sweat

b) Saliva

c) Urine

d) Blood

5. Which blood vessels carry blood back to the heart?

a) Arteries

b) Veins

c) Nerves

d) Muscles

Section C: Write True or False :-

1.The heart is a muscular organ. _____

2.Blood carries oxygen throughout the body. _____

3.The kidneys help clean the blood. _____

4.Urine is stored in the lungs. _____

5.The circulatory system helps transport nutrients. _____

Section D: Diagram :-

Draw a neat and labelled diagram of the human heart.

Draw a neat and labelled diagram of the human excretory system.

Section E : Define the following terms :-

a) **Stethoscope**
b) **Circulation**

Section F : Answer the following questions :-

a) **Describe the process of urine formation.**
b) **Why are capillaries important ?**

_____× _____

Class 5

AI Assignment

November '26

All work should be done in your lab manual (project copy)

Topic: MS-Excel Formatting and Formula

I. Fill in the Blanks (FITB)

- Every formula in MS-Excel must always begin with an _____ sign.
- The process of changing the appearance of numbers and text to make them look neat is called _____.
- To automatically add a long column of numbers together, we use the _____ function.
- A _____ is a pre-defined mathematical formula already built into MS-Excel.
- When you combine two or more cells together into a single large cell, it is called _____.

II. Match the Following

Column A	Column B
1. Formula Bar	A. Combines selected cells and centers the content inside them.
2. Merge & Center	B. Automatically calculates the average value of selected cells.
3. SUM Function	C. Changes how numbers look, like adding a currency symbol ($).
4. Number Formatting	D. Displays the active cell's formula or mathematical rule.
5. AVERAGE Function	E. Adds up all the values in a selected range of cells.

III. True or False

- You can write an Excel formula using words without starting with an equal sign. (_____)
- Changing the background color of a cell changes the actual mathematical value inside it. (_____)
- The formula =SUM(A1:A5) calculates the total sum of cells from A1 down to A5. (_____)
- Borders can be added around cells to make data easier to read and print. (_____)
- Excel formulas do not update automatically when you change the cell numbers. (_____)

IV. Short Answer Questions

- What is the difference between a Formula and a Function in MS-Excel?
- Why do we use the 'Merge & Center' feature while creating a data table heading?

V. Draw and Label

- Draw a neat sketch of a small MS-Excel grid showing 3 columns (A, B, C) and 3 rows (1, 2, 3).
- In your drawing, shade cell B2 yellow, write the formula '=SUM(A1:A3)' inside the Formula Bar area above your grid, and label the Formula Bar clearly.

DELHI PUBLIC SCHOOL, DHANBAD

MATHS ASSIGNMENT, OCTOBER 2026 - 2027

CLASS – V

1. **Which of the following numbers are divisible by 7?:**
   a. **8036**
   b. **6741**

2. **Fill in the blanks:**
   a. **A number is a multiple of _____.**
   b. **The HCF of two or more numbers is the _____ number that divides the numbers exactly.**
   c. **The LCM of two or more numbers is their _____ common multiple, and therefore, the _____ number that is divisible by them.**

3. **Find the HCF of 42 and 63.**

4. **Write the first three common multiples of**
   a. **10 and 15**
   b. **2, 3 and 6**

5. **The alarms on two mobile phones ring together once. If one rings every 15 minutes and other rings after every 25 minutes, after how many minutes will they ring together again?**

6. **The HCF of two numbers is 12 and their LCM is 180. If one of the numbers is 36, find the other.**

7. **Find the greatest number which divides 165, 245 and 325 leaving 5 as remainder.**

8. **Find the greatest number that will divide 24 and 56 without leaving a remainder.**
9. **Find the smallest number which when divided by 12, 48 and 60 leaves 7 as remainder.**
10. **Write the last five odd numbers that are less than 900.**
11. **Write the prime factorization of the following numbers.**
    a. **36**
    b. **140**

12. **Find the LCM of 90, 108 and 144.**

MONTHLY ASSIGNMENT - ENGLISH

Class: 5

Name: _____ Roll No: _____ Date: _____

Read the passage carefully:

Priya is a clever girl who lives in Delhi with her parents. She studies in Class 5 at Sunshine Public School. Every morning, she gets up at six o'clock and goes for a walk in the beautiful park near her house. The park has tall green trees and colourful flowers.

Priya loves to read books. Her favourite book is about a brave lion. On Sunday, she visited the National Zoo with her best friend Anya. They saw a huge elephant, a funny monkey and a sleepy bear. Priya was very happy to see the animals. She decided to write a story about them.

Q1. Answer the following Questions:

1. Where does Priya live?

2. What time does Priya get up in the morning?

3. Which animals did Priya see in the zoo?

Q2. Write True or False:

1. Priya lives in Mumbai. _____

2. She studies in Class 5. _____

3. The park has tall green trees. _____

4. Priya hates reading books. _____

Q3. Tick the Correct Choice:

1. Priya is a -

a) lazy girl

b) clever girl

c) shy girl

2. Her school name is -

a) Delhi Public School

b) Sunshine Public School

c) National Public School

3. Priya went to the zoo on -

a) Monday

b) Saturday

c) Sunday

4. Priya went to the zoo with her -

a) mother

b) best friend Anya

c) teacher

Q4. Complete the Sentences:

1. Priya lives in _____ with her parents.

2. The park has tall green trees and _____ flowers.

3. Her favourite book is about a _____ lion.

4. On Sunday, she visited the _____ Zoo.

Q5. Grammar - Pick out from the passage:

1. Write *two Proper Nouns*: _____, _____

2. Write *two Common Nouns*: _____, _____

3. Write *two Adjectives*: _____, _____

Q6. Vocabulary - Find from the passage:

A. Write Synonyms (similar words) for:

1. Intelligent = _____ (Hint: clever)

2. Pretty = _____

3. Big = _____

B. Write Antonyms (opposite words) for:

1. Foolish x _____

2. Sad x _____

3. Awake x _____

Q7 **Frame sentences* *with the given words*

1.sleepy

2.national

3. Favourite

Q8. PARAGRAPH WRITING

Write a paragraph in 8-10 lines on ONE topic:

Q9 A Visit to a Zoo