

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

FUNDAMENTALS OF COMPUTER

Chapter-1

CLASS 6

A. Draw a basic IPO (Input-Process-Output) cycle with labelling.

B. Answer the following questions:

1. What are wildcard characters?

.....

.....

2. How does the IPO (Input-Process-Output) cycle work in a computer system?

.....

.....

C. A student deletes a large video file from the desktop and expects the disk space to increase instantly. It doesn't. Explain why this happens and how to resolve it, referring to system utilities.

.....

.....

.....

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

ALGORITHM AND FLOWCHART

- A. Create a flowchart to check if a student passed or failed based on input marks (Pass greater than 33).

- B. Write an algorithm to decide what to wear based on the weather (rainy, sunny, or cold).

- C. Match the following:

- | | |
|-----------------------|--|
| 1. Pseudocode | a. A graphical representation of an algorithm. |
| 2. Algorithm | b. Fundamental programming constructs: sequential selection, and repetition. |
| 3. Flowchart | c. A step-by-step set of instructions to solve a problem. |
| 4. Control Structures | d. A simplified, human-readable version of programming logic. |

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

LEARNING SCRATCH

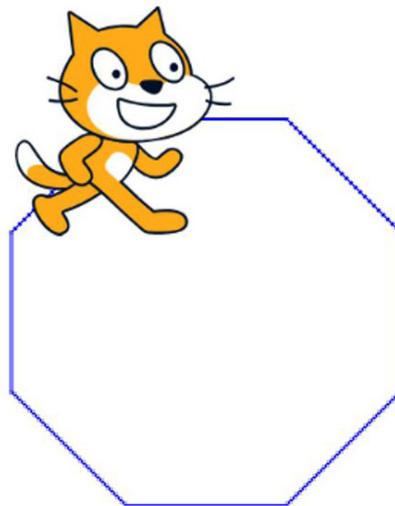
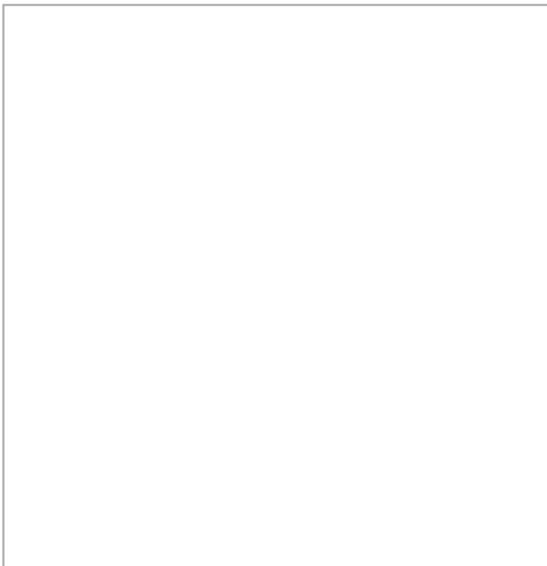
A. Guess, who am I?

1. I'm a flag on the top right with a green colour. I start your project.
2. I make the sprite repeat actions again and again. I am often used to create loops in a project.

B. Rewrite the jumbled sentences.

1. green / click / to / flag / press / run / project
.....
2. is / block / repeat / used / iteration / for
.....

C. Write the script for the given output:



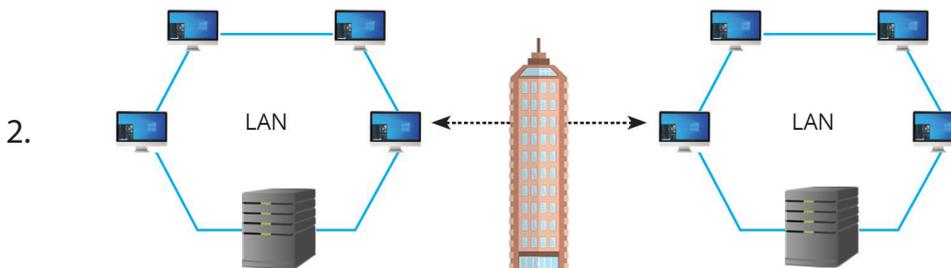
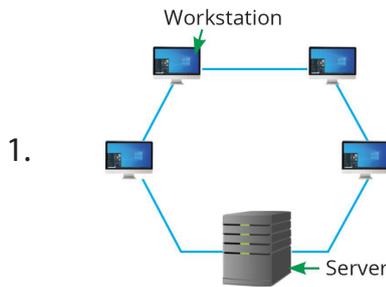
Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

CYBER SECURITY

A. Describe the following types of networks:



B. "Spam is not only annoying but can also lead to security issues." Justify.

C. List some key provisions of the Indian IT Act 2000.