

Max Marks: 30
Time Duration: 45 minutes



Name: _____

Date: _____

THE NEXT GENERATION SCHOOL
Term 1 Test 1
October 2024-25

CANDIDATE
NAME

COMPUTER SCIENCE

Paper 2: Practical

Class: V

Time: 45 minutes

Marks: 30

Date: th October 2024

INSTRUCTIONS

- Answer all questions.
- Use a black or dark blue pen. You may use a pencil for any diagrams or graphs.
- Write your name in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Calculators must not be used in this paper

INFORMATION

- The total mark for this paper is 30.
- The number of marks for each question or part question is shown in brackets []

Q. No.	Marks	Marks Obtained
I	10	
II	10	
III	10	
Total Marks	30	

I. You will create a new chasing game. This game will contain two sprites: /10

The Fish and the octopus.

The fish should:

- 1) Glide for 3 seconds towards the mouse pointer when the free flag is clicked. /2
- 2) Change to a random costume at the end of each glide /1
- 3) This should repeat 8 times. /1

The Octopus should:

- 4) Say “ Are you coming?” for 1 second when the green flag is clicked /2
- 5) Glide for 1 second towards the fish /1
- 6) Broadcast a message at the end of each glide. /2
- 7) This step should repeat 12 times /1

II. Umer is creating a school project to create a chasing game on scratch and his /10 teacher given him the algorithm to create a code for it.

Algorithm name: chasing game cat	
Steps	Instructions
1	When green flag is clicked
2	set size to 30%
3	glide 4 seconds to random position
4	Repeat step 3 five more times
5	Stop program

Algorithm name: chasing game mouse	
Steps	Instructions
1	When green flag is clicked
2	Point towards cat
3	glide 2 seconds to cat
4	Repeat step 2 and 3 five more times
5	Stop program

III. Imagine you and your classmates doing a science experiment to see how the humidity changes in a day.

The Following data was collected.

/10

	A	B	C
1	Time	Humidity	
2	9.00 am	55.3	
3	11.000 am	54	
4	1.00 pm	50.4	
5	3.00 pm	47.1	
6			
7			
8			

1) Create the above spreadsheet in excel

/4

2) Which type of data is seen in the table? Write down in the following blank.

/2

3) Insert the suitable chart for the given data in Ms. Excel.

/4