



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL



POST MID TERM: 2025-26 INFORMATION TECHNOLOGY

Class: IV

Date: 13-01-2026

Admission No.

Time: 1 hr.

Max Marks: 25

Roll No. :.....

MARKING SCHEME

Q. (1) Fill in the blanks with the help of words given in the box. (4 x 1 = 4)

Scratch, Paint Editor, Odd One Out, Picture Puzzle

- (a) Scratch
- (b) Paint Editor
- (c) Odd one out
- (d) Picture puzzle

Q. (2) Write "T" for True and "F" for False statements. (3 x 1 = 3)

- (a) True
- (b) True
- (c) False

Q. (3) Tick the correct option. (4 x 1 = 4)

- (i) _____ block is used to change the appearance of the sprite.
(a) Motion (b) Looks (c) Control
- (ii) _____ is the founder of Scratch.?
(a) Mitch Resnik (b) Mark Zuckerberg (c) Charles Babbage
- (iii) Backdrop is the _____ of the stage where all the projects are created
(a) background (b) Foreground (c) None of these

(iv) To add a backdrop, click on _____ option.

(a) Choose a Backdrop **(b) Add a backdrop** (c) None of these

Q. (4) Short answer type questions :

(4 x 2 = 8)

(i) What do you mean by Visual Processing ?

Ans. : Visual processing means the ability of the brain to understand, analyze and make sense of the information we see with our eyes. It helps us recognize images, patterns and objects correctly.

(ii) What are benefits of Picture Puzzles ?

Ans. : Picture puzzles help improve children's problem-solving skills, concentration and memory. They also develop logical thinking, observation skills and hand-eye coordination while arranging pieces to complete the picture.

(iii) How can you create a duplicate sprite in Scratch ?

Ans. : To duplicate a sprite in Scratch, right-click on the sprite in the Sprite Pane and select the "Duplicate" option. A new identical sprite will appear instantly.

(iv) What is Scratch ? Who is a founder of it ?

Ans. : Scratch is a block-based programming language used to create animations, games and stories. It was developed and founded by **Mitch Resnick** at the MIT Media Lab.

Q. (5) Long answer type questions :

(2 x 3 = 6)

(i) Which method is used to paint a sprite ? Mention the steps to paint a sprite.

Ans. : A sprite can be painted using the **Paint Editor** in Scratch. To paint a sprite, click on "Choose a Sprite," select the **Paint** option, draw using tools like brush, shapes, and fill colours, and then save the sprite for use in the project.

(ii) What do you mean by map ? Name the four directions.

Ans. : A map is a drawing or picture that shows the location of places, landmarks, roads and important features of an area. It helps us understand where things are located. The four main directions are **North, South, East and West**.