



BK BIRLA CENTRE FOR EDUCATION
SARALA BIRLA GROUP OF SCHOOLS
SENIOR SECONDARY CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL
POST MID TERM (2024-25)
ARTIFICIAL INTELLIGENCE



Class: IV
Date: 11-1-2025
Name:

MARKING SCHEME

Duration: 1 Hour
Max Marks: 25
Adm. No. :

General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of 18 questions in two sections: Section A, B & Section C.
3. Section A has Objective type questions whereas Section B contains short questions Section C contains long questions.
4. All questions of a particular section must be attempted in the correct order.
5. **SECTION A - OBJECTIVE TYPE QUESTIONS (12 MARKS):**
 - i. This section has 12 questions.
 - ii. Marks allotted are mentioned against each question/part.
 - iii. There is no negative marking.
 - iv. Do as per the instructions given.
6. **SECTION B – SHORT QUESTIONS (8 MARKS):**
 - i. This section has 4 questions.
 - ii. Do as per the instructions given.
 - iii. Marks allotted are mentioned against each question/part.
7. **SECTION C – LONG QUESTIONS (5 MARKS):**
 - i. This section has 2 questions.
 - ii. Do as per the instructions given.
 - iii. Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

I. Fill in the blanks with the help of words given in box. 4 x 1 = 4 Marks

Scratch backdrop paint editor duplicate

1. To change the background, click on... **backdrop**..option.
2. ... **Scratch** ...is used to create stories, animations and games.
3. We can create our own sprite by painting it in **paint editor** window.
4. To create a duplicate sprite, right click on sprite and select **duplicate**..option.

II. Multiple Choice Questions. Write the correct option. 4 X 1 = 4 Marks

5. A.....is a group of web pages.

- a. Web browser **b. website** c. web pages

6.is a type of web browser.
a. Mozilla Firefox b. Opera c. Both of them
7. Internet is also called a network of
a. Telephone b. Connection c. Networks
8. A.....is a link to another webpage.
a. www b. web browser c. hyperlink

III. Write 'T' for True and 'F' for false statement. 4 x 1 = 4 Marks

9. Gmail is used to search information on Internet.-F
10. BSNL is the Internet Service Provider.-T
11. To change the appearance of the sprite, Motion Block is used.-F
12. Scratch is a block based programming language.-T

SECTION B: SHORT QUESTIONS

IV. Short Answer Questions. 4 x 2 = 8 Marks

13. What is the purpose of Looks Block?

Ans- Looks Block is used to change the appearance of Sprite.

14. How can we create a duplicate sprite in Scratch?

Ans- Right Click on Sprite-> Select Duplicate Option

15. What is web browser? Write example.

Ans- Web browser is a software used to access websites. example- Google chrome, Opera, Mozilla FireFox etc

16. Who is ISP? Name a few ISP.

Ans- the company who provides Internet services to the users called ISP.

Examples- BSNL, Airtel, Jio etc

SECTION C: LONG QUESTIONS

V. Long Answer Questions. 2 x 2.5 = 5 Marks

17. What is Internet? Differentiate between Webpage and Website.

Ans- Internet is the global network of computers. It is used to share the information and real time news.

Webpage is an electronic page of any website.

Website is a collection of webpages.

18. Define Scratch. Who is the founder of Scratch?

Ans- Scratch is a block based programming language. It is used to create stories, games, animations etc.

Mitch Resnik is the founder of Scratch.
