B.K. BIRLA CENTRE FOR EDUCATION

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

POST MID TERM EXAM : 2025-26
ARTIFICIAL INTELLIGENCE

Class: VI   **Time : 1 hr.**
Date: 09-01-2026   **Max Marks: 25**
Admission No. ……………………   **Roll No. :………..**

MARKING SCHEME

I. Multiple Choice Questions :   **(7 X 1 = 7)**

(1) A sprite can have one or more ………………., allowing it to change its appearance as an application executes.

   (a) Appearances   (b) outfits   (c) costumes   (d) disguises

(2) How do you create code in Scratch ?

   (a) snap block together   (b) write code in the ditor

   (c) draw blocks in the editor   (d) copy and paste code

(3) The cat in Scratch is an example of ……………………

   (a) Avatar   **(b) Sprite**   (c) Template   (d) Character

(4) ……………….. is a type of cybercrime that uses the internet and technology to harass or stalk a person.

   (a) Cyber Harassing   (b) Cyber Targeting   **(c) Cyberstalking**   (d) Cyberbullying

(5) …………… is when someone uses your personal data to impersonate you, typically to steal from you.

   (a) Cyberstalking   (b) Cyberbullying   **(c) Identity Theft**   (d) Spoofing

(6) The short form of malicious software is ………………..

   (a) Malware   (b) Malsoft   (c) Maliware   (d) Malisoft

(7) ………………… opens web browser in such a way that it will not track your activities on the internet.

   (a) Proxy   (b) VPN   **(c) Incognito browsing**(d) Safe Browsing

II. Write True or False :   **(4 X 1 = 4)**

   (1) True
   (2) False.
   (3) True
   (4) False

III. Short Answer Type Questions :   **(4 X 2 = 8)**

(1) Explain what the Looks block in Scratch does ?

Ans. : In Scratch, the "Looks" blocks control how sprites (characters or objects) appear on the stage. These blocks allow you to change the sprite's appearance, display messages, and manage visual effects.

(2) Describe any four commands from the Looks block in Scratch.

Ans. :

1. **Say**: Displays a speech bubble with text for a specified duration.
2. **Think**: Shows a thought bubble with text.
3. **Change Costume**: Switches the sprite's appearance to a different costume.
4. **Show/Hide**: Makes the sprite visible or invisible.
5. **Change Size**: Adjusts the sprite's size.
6. **Set Color Effect**: Applies visual effects like color changes to the sprite.

(3) Explain the following :

(a) Cyberbullying : It is the use of technology to harass, threaten, embarrass or target another person.

(b) Cyberstalking : It is a type of cyber crime that uses the internet and technology to harass or stalk a person.

(4) Differentiate between Incognito Browsing and Proxy

Ans. : Incognito browsing opens web browser in such a way that it will not track your activities on the internet. Proxy is a computer on a network that acts as computer middle man between your computer and the website.

IV. Long Answer Type Questions :   **(2 X 3 = 6)**
(1) Explain three security measures that can help protect against cyber crime?
Ans. :

    Strong password should be used.
    Use antivirus programmes to keep the system free of malware.
    Try to avoid opening websites which are not secure.
    Don't provide your personal information to any unknown person.
    Don't download software or other files from every website.
    Continuously update the system
    Be vigilant to avoid identity thefts
    Maintain privacy settings over social media.

(2) What is a cyber crime ? Explain at least two types of cybercrimes.

Ans. : It can be defined as a crime done by the internet to cause an immeasurable loss to the individual, organization or the government.

Types of Cyber Crimes :

Cyberbullying : It is the use of technology to harass, threaten, embarrass or target another person.

Cyberstalking :

Phishing :

Identity Theft : Identity theft is when someone illegally poses as you. It is when someone uses your personal data to impersonate you.

*********** ALL THE BEST ************