



**BK BIRLA CENTRE FOR EDUCATION**  
**SARALA BIRLA GROUP OF SCHOOLS**  
**SENIOR SECONDARY CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL**  
**PERIODIC TEST - II (2024-25)**  
**ARTIFICIAL INTELLIGENCE**



**Class: III**  
**Date:**  
**Name: .....**

**MARKING SCHEME**

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

**General Instructions:**

**Note: Write the answer in question paper itself**

**A. Tick (√) the correct option. 8 x 1 = 8 Marks**

1. Which block is used to move a sprite?  
 a. Looks                      **b. Motion**                      c. Control
2. Who developed Scratch?  
 a. Bill Kendrick              **b. Mitch Resnik**              c. Mark Zuckerberg
3. Motion Block has .....blocks in it.  
 a. 12                              b. 15                              **c. 18**
4. ....block is used to change the appearance of the sprite.  
 a. Sensing                      b. Operators                      **c. Looks**
5. ....is a block based programming language.  
 a. Logo                              **b. Scratch**                      c. Word
6. ....is a graphic character on which a script is created.  
 a. **Sprite**                              b. Sensing                              c. Control
7. www stands for World Wide .....  
 a. **Web**                              b. Wet                              c. Waste
8. ....is the easiest and quickest methods to send messages.  
 a. E-mail                              b. Instant Messaging              **c. Both a & b**

**B. Write 'T' for True and 'F' for False. 4 x 1 = 4 Marks**

9. Information regarding any topic can be found on Internet. T
10. A computer system with 4 GB RAM and 500 GB hard disk space is required for an internet connection. T

11. Internet is a big source of entertainment.

12. Skype and WhatsApp are the example of online booking.

**C. Short answer type questions.**

**4 x 2 = 8 Marks**

**13. Give any three uses of internet in brief.**

**Ans-**

Communication  
Information Access  
Entertainment

**14. How internet helps you to communicate through your friends?**

**Ans-**

Facebook, Instagram, Twitter, and Snapchat allow you to share posts, photos, and videos, and keep up with your friends' updates. You can also send direct messages to your friends in real-time.

Messenger apps like WhatsApp, Telegram, and Facebook Messenger allow for instant text messaging, voice, and video calls with friends, regardless of distance.

**15. What is Motion Block? Explain.**

**Ans-**

The **Motion Block** in Scratch is a category of blocks that allows you to control the movement of sprites on the screen. These blocks are used to make the sprite move, rotate, change direction, or position itself in a specific way within the Scratch environment. The **Motion** category contains blocks that help bring your projects to life by giving your characters and objects movement.

**16. Write steps to save a project in Scratch.**

**Ans-**

File->Save Now->Select Location-> File name-Click Save

**D. Long Answer type questions.**

**2 x 2.5 = 5 Marks**

**17. What is Scratch? How can you start Scratch Program?**

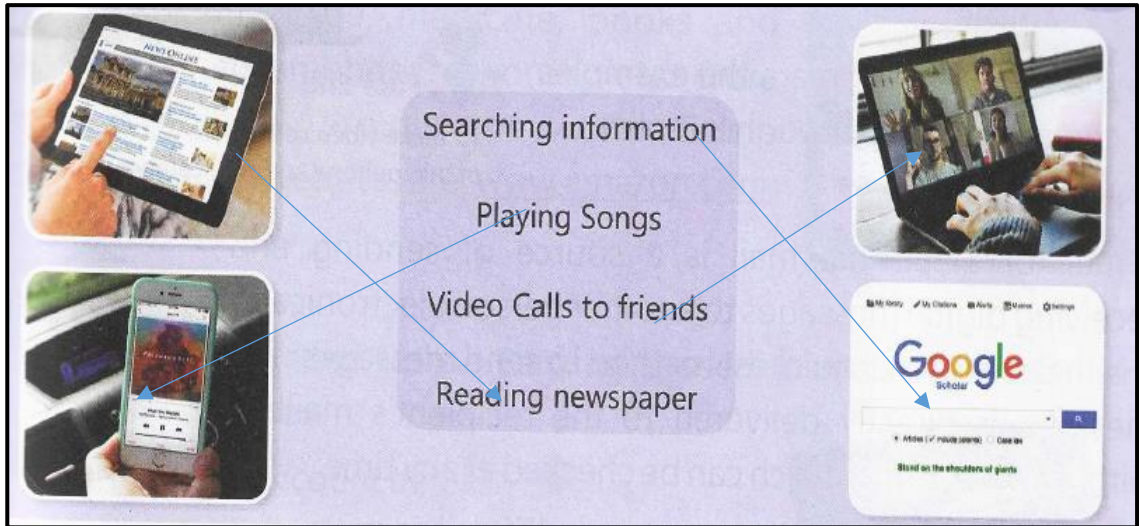
**Ans-**

**Scratch** is a visual programming language and online community developed by the **MIT Media Lab** that allows users, especially children and beginners, to

create interactive stories, games, animations, and simulations by using blocks of code.

Click on "File" and select "New" to start a new project in the Scratch desktop app. You can now create your program using the blocks and sprites as you would in the online version.

**18. Match the following.**



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