

FORMATIVE ASSESSMENT – THIRD MID TERM**COMPUTER SCIENCE****Max. Marks: 25****Std - IV****Time: 1½ Hrs**

Name of the School: <hr/>	Name of the Student: <hr/>
Place: <hr/>	Roll No.: <hr/>

I. Fill in the blanks: **$5 \times 1 = 5$**

1. The _____ block executes the given set of instructions continuously till the program is stopped manually.
2. The Broadcast Block is present under the _____ menu.
3. The Conditional Blocks are present under the _____ menu in scratch.
4. The technique of sending and receiving signals is called _____
5. We can make _____ in scratch move by setting some instructions and conditions for them to follow.

II. Choose the best answer: **$5 \times 1 = 5$**

6. The _____ block is used to repeat a set of blocks or commands specified within itself until the given condition becomes true.
 - a. Forever If Block
 - b. Wait Until Block
 - c. If-Else Block
7. Scratch uses the _____ block to receive the broadcast.
 - a. When I receive
 - b. Broadcast
 - c. Broadcast and Wait
8. Home televisions that are connected to a set-top box, work by receiving _____ that are broadcast by various operators.
 - a. control
 - b. signals
 - c. broadcast
9. The _____ block is used to execute a set of commands or blocks only after a particular condition is over.
 - a. Wait Until
 - b. Repeat Until
 - c. Forever
10. The _____ block waits to receive a particular broadcast specified by the user.
 - a. Forever
 - b. When I receive
 - c. Wait Until

III. Answer the following question in one or two lines: (any 5)

$5 \times 2 = 10$

11. What is a broadcast?

12. Write the usage of the If-Else Block.

13. What is the use of the when I Receive Block?

14. What is the use of Forever Until Block?

15. How does a set-top box connected to a TV work?

16. Where do you find the Conditional Blocks in scratch?

IV. 17. Draw a diagram of If Block and If Else Block:

$1 \times 5 = 5$