

FORMATIVE ASSESSMENT – THIRD MID TERM

COMPUTER SCIENCE

Max. Marks: 25

Std - IV

Time: 1½ Hrs

Name of the School: 	Name of the Student:
Place: 	Roll No.:

I. Fill in the blanks:

5 × 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 × 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 × 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 × 5 = 5