

O. P. JINDAL SCHOOL, SAVITRI NAGAR
Annual Examination (2023 – 2024)

Class: V
Subject: Artificial Intelligence (AI)

MM: 40
Time: 1 Hr

Name: _____

Class/Section: _____

Roll No.: _____

General Instructions: All questions are compulsory.

SECTION – A**Q.1 Tick out the correct option:****(10 x 01 = 10 Marks)**

- i) The intersection of a column and row is called a _____.
 a) Border b) Table c) Cell d) none of these
- ii) Which function key is used to update the total in a cell?
 a) F7 b) F8 c) F9 d) none of these
- iii) Which of the following documents cannot be created using the Mail Merge feature?
 a) Envelops b) Pamphlets c) Letters d) none of these
- iv) The 'Use an existing list' option allows you to pick recipients list from the existing _____.
 a) Data Source b) Presentation c) Document d) none of these
- v) An algorithm is always written in a _____ language.
 a) Difficult b) Simple c) Binary d) none of these
- vi) The _____ is used to display the final result.
 a) Output box b) Stop box c) Processing box d) none of these
- vii) To perform a certain action depending upon a condition, you can use the _____.
 a) Conditional Statement b) Step-by-step c) all of these d) none of these
- viii) The block to add two numbers are located under the _____ block menu.
 a) Operators b) Sensing c) Pen d) none of these
- ix) A _____ is a placeholder that stores a value.
 a) Variable b) Operator c) Block d) none of these
- x) The _____ blocks category holds the blocks that are used to apply conditions, like if else.
 a) Control b) Operators c) Sensing d) none of these

SECTION – B

Q.2 Fill in the blanks:

(05 x 01 = 5 Marks)

[Hints: One, Splitting, Mailing list, Algorithm, Operators]

- i) _____ a cell means dividing the selected cell into separate cells.
- ii) Data source consists of a _____.
- iii) An _____ is a set of sequential steps that helps in solving a problem.
- iv) The blocks in the _____ blocks category are round in shape.
- v) Variables can hold _____ value at a time.

SECTION – C

Q.3 Write T for True and F for False:

(05 x 01 = 5 Marks)

- i) The 'Formula' option is available on the Layout tab. _____
- ii) Merge field combines a recipient list with the main document. _____
- iii) Flow lines show the direction in which the program is moving. _____
- iv) All the blocks in the Operators blocks category are light blue in colour. _____
- v) You can create variables in a Scratch project. _____

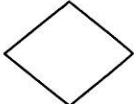
SECTION – D

Q.4 Very short answer the following questions:

(05 x 02 = 10 Marks)

- i) Write the use of 'Merge Cells' option.
- ii) List the steps involved in performing a mail merge.
- iii) Write any two characteristics of an algorithm.
- iv) List the names of any two blocks that you can use to compare values.
- v) Write the names of the following flowchart symbols:

a)  _____.

b)  _____.

SECTION – E

Q.5 Answer the following questions: (Any Two)

(02 x 05 = 10 Marks)

- i) What is a variable? Write the names of the different blocks that are used to set condition in codes.
- ii) What is an algorithm? Write any three characteristics of a flowchart.
- iii) What is the use of a merge field? Distinguish between the main document and data source.