

ST. ANDREWS SCOTS SR. SEC. SCHOOL

9th Avenue, I.P. Extn., Patparganj, Delhi -110092

Session - 2025-2026

Class - VII

Subject - Computer

Topic - L - 4 (Algorithm Intelligence)

Q1 Tick the correct option.

1. (iii) A pictorial representation of an algorithm
2. (i) Binary language
3. (ii) On , Off

Q2 State True and False.

1. False
2. False
3. True
4. False
5. True

Q4 Answer these questions.

Ans1. Information is the result of processed data. Information processing involves acquiring, storing , analysing , retrieving and displaying data.

Ans 2 An algorithm is a set of step -by-step instructions in a sequential manner to solve a problem.

Ans 3. Computers use binary code, composed of 1s and 0s , to store and process data. These 1s and 0s represent electrical signals : ON for 1 and OFF for 0.

Ans 4. The program executes the statements written inside the IF block when condition is True. If the condition is False, the statements written inside the else block will be executed. A block refers to a section of code that is grouped together.

Ans 5. If Today = " Sunday"

Then

Print (" Picnic")

Else

Print (" School")