

St. Andrews Scots Sr. Sec. School

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Session: 2024-2025

Class: VII

Subject: Computer

Topic: Ch-9 Answer Key

A. Choose the correct option:-

1. 101000
2. Binary language
3. ON, OFF

B. Tick (✓) or (✗).

1. ✗
2. ✓
3. ✓
4. ✗
5. ✓

C. Answer the following questions.

1. What is information into binary language?

Ans. Information processing involves acquiring, storing, analyzing, retrieving and displaying of information.

2. What is an algorithm?

Ans. An algorithm is a step-by-step instruction in a sequential manner to solve a problem.

3. How does computer store and process information?

Ans. Computers store and process data and information using binary code in the form of digital 1s and 0s inside the (CPU) and RAM.

4. What is if -then-else condition?

Ans. An if statement is a fundamental control structure in programming languages that allows you to execute specific code blocks based on whether a condition is true or false. The program executes the statements written after 'if' when the condition is true. If it is false, the statements written after 'else' will be executed.

5. Write an 'if' condition to display "picnic" if it is Sunday today otherwise display "school".

Ans. If

Today is Sunday

Then

Display Picnic

Else

Display School.