



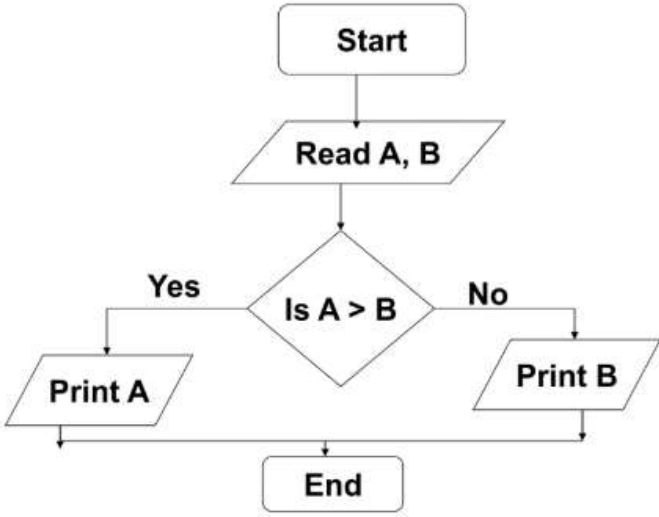
**ITL PUBLIC SCHOOL  
PRE PERIODIC TEST II (2024-25)**

**Date: 02.12.24**

**Class: V**

**COMPUTER APPLICATION – ANSWERKEY**

<b>SECTION – A</b>		
<b>Q1</b>	<b>Multiple Choice Questions – Write the correct option:</b>	<b>5</b>
1.1	What is the purpose of a flowchart? a) To create artistic designs <b>b) To diagrammatically represent a sequence of steps in a process</b> c) To collect numerical data d) To compare two data sets	
1.2	What is the function of arrows in a flowchart? A. Represent decisions <b>B. Show the flow of the process</b> C. Represent start and end points D. Represent calculations	
1.3	What should be used to connect various sections of a flowchart? a) Process box                      b) Decision Box                      c) Flow lines                      d) <b>Connector</b>	
1.4	Looping in a flowchart means _____ of a section of code a number of times. a) <b>Repetition</b> b) Revision                      c) Reasoning                      d) Counting	
1.5	Which flowchart allow us to define a specific condition according to which we get the output? a) Looping flowchart                      b) <b>Branching flowchart</b> c) Geometrical flowchart                      d) Sequential flowchart	
<b>Q2</b>	<b>Answer in one word.</b>	<b>5</b>
2.1	What acts as a guide or blueprint while programming on the computer. <b>Flowchart</b>	
2.2	What is not tied to any specific computer programming language. <b>Algorithm</b>	
2.3	How many else statements are allowed with one if? <b>Only one.</b>	
2.4	How many flow line/lines used to connect the START and STOP symbols. <b>Only One</b>	
2.5	Every flowchart, regardless of the purpose it solves should have 2 basic symbols in it. What are they? <b>Start and Stop symbols.</b>	
<b>SECTION – B</b>		
<b>Q3</b>	<b>APPLICATION BASED QUESTIONS</b>	<b>5</b>
3.1	After listing the inputs, what will be your next step in a developing an Algorithm? <b>Describing the steps needed to complete the task.</b>	

3.2	Out of Algorithm and flowchart, which one would you use to achieve logical accuracy? <b>Flowchart.</b>							
3.3	What type of flowchart will allow you to display output depending on a specific condition? <b>Branching flowcharts.</b>							
3.4	What would you use to keep a count of repetition in a looping flowchart? <b>Counter.</b>							
3.5	What would be more costlier to produce and difficult to manage for you out of an algorithm and a flowchart? <b>Flowchart.</b>							
<b>SECTION – C</b>								
<b>Q4</b>	<b>Short Answer Questions</b>	<b>5</b>						
4.1	Write an algorithm for multiplying 3 numbers. <b>Step 1: Read numbers A, B and C.</b> <b>Step 2. Multiply A * B * C.</b> <b>Step 3. Display result.</b>	2						
4.2	Create a flowchart to check the greater number between 2 numbers.   <pre> graph TD     Start([Start]) --&gt; Read[/Read A, B/]     Read --&gt; IsA[Is A &gt; B]     IsA -- Yes --&gt; PrintA[/Print A/]     IsA -- No --&gt; PrintB[/Print B/]     PrintA --&gt; End([End])     PrintB --&gt; End </pre>	2						
4.3	Give any two differences between algorithm and flowchart? <table border="1" data-bbox="193 1771 1418 2069"> <thead> <tr> <th><b>ALGORITHM</b></th> <th><b>FLOWCHART</b></th> </tr> </thead> <tbody> <tr> <td>1. An algorithm is a step-by-step procedure to solve a problem.</td> <td>1. A flowchart is a diagram created with different shapes to show the flow of data.</td> </tr> <tr> <td>2. In the algorithm, plain text is used.</td> <td>2. In the flowchart, symbols/shapes are used.</td> </tr> </tbody> </table>	<b>ALGORITHM</b>	<b>FLOWCHART</b>	1. An algorithm is a step-by-step procedure to solve a problem.	1. A flowchart is a diagram created with different shapes to show the flow of data.	2. In the algorithm, plain text is used.	2. In the flowchart, symbols/shapes are used.	1
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