


Multiple Choice Questions

1. A _____ is a diagrammatic representation of algorithm.
(a) Flowlines (b) Flowchart (c) Program
2. Which symbol of flowchart is used to choose one option out of two?
(a) Decision (b) Processing (c) Input/Output
3. An _____ is a sequence of steps to solve a given problem.
(a) Program (b) Algorithm (c) None of these
4.  is a symbol of _____ box.
(a) Processing (b) Decision (c) Input/Output

EXERCISES

Choose the correct option and write in the space provided.

- The general direction of flow in any flowchart is from left to right or _____.
(a) bottom to top (b) top to bottom (c) both (a) and (b)
- A _____ is any mechanism in which a task is repeated many times.
(a) Flowchart (b) Graph (c) Loop
- A _____ is a variable which counts the number of times a process is repeated.
(a) Table (b) Counter (c) Box
- An _____ is a step by step process to solve any problem.
 (a) Algorithm (b) Flowchart (c) Chart
- A _____ is written in computer language.
(a) Algorithm (b) Program (c) Flowchart

B. Fill in the blanks.

Rounded rectangle

Rectangular Box

Two

Flow Lines

- Flowlines are used to indicate the flow of one step to another.
- A rectangular box is used to indicate the processing of flowchart.
- A rounded rectangle is used to represent starting and ending points of a flowchart.
- A decision symbol has one entry point and two exit points.

C. Tick (✓) the correct and Cross (X) the wrong ones.

1. An algorithm is a diagrammatic representation.
2. You cannot create a flowchart and algorithm for making tea/coffee.
3. Every flowchart has many start and stop symbols.
4. Oval shaped symbol is used to show the decision process.
5. There are many flow lines that come out from a process symbol.
6. One flow line is used to connect the START and STOP symbols.

D. Answer the following questions.

1. Which symbol is used to represent input/output in a flowchart?



F. Quiz

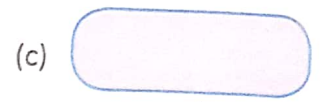
1. Name the following symbols.



Processing



Decision



start/stop



Flowlines



Input/output

2. Arrange the steps of an algorithm to multiply the two numbers.

(a) MULTIPLY = A * B

Step 1 : START (e)

(b) PRINT MULTIPLY

Step 2 : Input A, B (d)

- (c) STOP
- (d) INPUT A, B
- (e) START

Step 3 : Multiply = AxB (A)

Step 4 : Print Multiply (B)

Step 5 : STOP (C) ✓

Read the following clues and search for 7 words in the grid given below. Search upward, backward, downward and across.

F	L	O	W	C	H	A	R	T
N	A	B	P	O	O	L	I	C
O	D	E	F	U	V	G	H	I
I	J	K	L	N	A	O	M	N
S	O	P	Q	T	L	R	S	T
I	U	V	W	E	X	I	T	X
C	Y	Z	A	R	X	T	B	C
E	D	E	F	G	H	H	I	J
D	K	L	M	N	O	M	P	Q

1. A step by step process to solve a problem
2. A diagrammatic representation
3. A variable used for counting
4. A diamond-shaped symbol used in flowchart
5. A decision box has two such points
6. A mechanism in which task is repeated many times

Algorithm

Flowchart

counter

decision

exit

loop ✓

HP