

Objective



Q 1: The steps of defining a problem are:

- (A) Four (B) Three (C) Two (D) One

Q 2: How many Ws are identified in the understanding a problem?

- (A) Infinity (B) five (C) Three (D) One

Q 3: Dividing a complex problem into smaller problems is called:

- (A) Prototype (B) Act it out (C) Guess and improve (D) Divide and conquer

Q 4: The selection of strategy depends upon the:

- (A) None of these (B) Flowchart (C) Solution (D) Problem

Q 5: Candid solution refers to:

- (A) None of these (B) Unplanned (C) Checking (D) Planning

Q 6: Short key to search in web browser is:

- (A) CTRL+F (B) CTRL+R (C) CTRL+F4 (D) CTRL+S

Q 7: Which solutions are not reached through proper algorithms or work planning?

- (A) Best solution (B) Strategized Solution (C) Candid solution (D) Prepared solution

Q 8: is a graphical representation of an algorithm.

- (A) Solution (B) Flowchart (C) Graph (D) Matrix

Q 9: Which symbol in the flowchart is used to either start or end the flowchart?

- (A) Decision (B) Process (C) Connector (D) Terminal

Q10: A flowchart is a presentation of the steps to solve a problem.

- (A) All of these (B) Mentally (C) Written (D) Graphical

Q11: In a flowchart, we use input, output, decision making and:

- (A) All of these (B) Images (C) Processing (D) Data

Q12: How many things are used in a flowchart?

- (A) Five (B) Four (C) Three (D) One

Q13: Input means data from the user.

- (A) None of these (B) Processing (C) Giving (D) Taking

Q14: A flowchart clearly describes a process through..... and text.

- (A) None of these (B) Program (C) Symbols (D) Data

Q15: used to determine the flow of steps in a flowchart:

- (A) Decision (B) Processing (C) Terminal (D) Flow line

Q16: symbol indicates the start and end of a flowchart:

- (A) Decision (B) Processing (C) Terminal (D) Flow line

Q17: symbol represents the operation of change value in a flowchart:

- (A) Decision (B) Process (C) Terminal (D) Flow line

- Q18: If a flowchart doesn't fit on a page, then we use to connect parts of a flowchart on different pages.
- (A) Connector (B) Decision (C) Terminal (D) Flow line
- Q19: is a set of steps to solve a problem. It's written in a natural language.
- (A) All of these (B) Problem (C) Algorithm (D) Flowchart
- Q20: symbol represents the starting point of an algorithm.
- (A) Stop (B) Set (C) Input (D) Start
- Q21: symbol is used to get input from a user.
- (A) Output (B) Set (C) Input (D) Start
- Q22: It is used to update the value of existing data:
- (A) Output (B) If else (C) Set (D) Input
- Q23: symbol is used to check the condition:
- (A) Goto (B) If else (C) Set (D) Input
- Q24: Symbol is used to transfer control to a certain step in program.
- (A) Output (B) Goto (C) If else (D) Set
- Q25: How many algorithms can there be to solve a problem?
- (A) None (B) More than one (C) Two (D) One
- Q26: After solving a problem, we need to
- (A) All of these (B) Output (C) Test (D) Process
- Q27: Find mistakes made while solving any problem using:
- (A) None of these (B) Algorithm (C) Flowchart (D) Testing
- Q28: Types of test data is:
- (A) Five (B) Four (C) Three (D) Two
- Q29: Solution is tested on extreme values in test data.
- (A) All of these (B) Absent data (C) Wrong data formats (D) Boundary test data
- Q30: means to confirm that the solution is for the problem that needed to be solved:
- (A) None of these (B) Both of these (C) Verification (D) Validation
- Q31: means to confirm whether the solution is correct or not:
- (A) All of these (B) Flowchart (C) Verification (D) Validation
- Q32: means to test if the required solution is there:
- (A) Flowchart (B) Validation (C) Algorithm (D) Verification
- Q33: In a error, the solution is working but not giving required results:
- (A) Runtime error (B) Syntax error (C) Logical error (D) Random error
- Q34: is a technique used to test algorithms.
- (A) None of these (B) Trace table (C) Process (D) Flowchart
- Q35: Displays each column in the trace table.
- (A) All of these (B) Mistakes of data (C) Values of data (D) Names of data

Q36: Displays each row in the trace table.

- (A) All of these (B) Mistakes of data (C) Values of data (D) Names of data

Answers:

1	(B)	19	(C)
2	(B)	20	(D)
3	(D)	21	(C)
4	(D)	22	(C)
5	(B)	23	(B)
6	(A)	24	(B)
7	(C)	25	(B)
8	(B)	26	(C)
9	(D)	27	(D)
10	(D)	28	(A)
11	(C)	29	(D)
12	(B)	30	(C)
13	(D)	31	(D)
14	(C)	32	(D)
15	(D)	33	(C)
16	(C)	34	(B)
17	(B)	35	(D)
18	(A)	36	(C)

