



**Department of Computer Engineering**

**Academic Year 2020-21**

**Class: SE Computer & IT**

**Subject: 22226 PCI (Programming in C) MCQ**

**Unit 1: Program Logic Development**

**MCQ Question Bank with Answers**

**2nd SEM ALL SUBJECT MCQ:**     [click here](#)

1. The word \_\_\_\_\_ comes from the name of a Persian mathematician Abu Ja'far Mohammed ibn-i Musa al Khowarizmi.

- a) Flowchart
- b) Flow
- c) Algorithm
- d) Syntax

Answer: c

2. In computer science, algorithm refers to a special method usable by a computer for the solution to a problem.

- a) True

b) False

Answer: a

3. This characteristic often draws the line between what is feasible and what is impossible.

a) Performance

b) System Evaluation

c) Modularity

d) Reliability

Answer: a

4. The time that depends on the input: an already sorted sequence that is easier to sort.

a) Process

b) Evaluation

c) Running

d) Input

Answer: c

5. Which of the following is incorrect?

Algorithms can be represented:

a) as pseudo codes

b) as syntax

c) as programs

d) as flowcharts

Answer: b

6. When an algorithm is written in the form of a programming language, it becomes a

\_\_\_\_\_

a) Flowchart

b) Program

c) Pseudo code

d) Syntax

Answer: b

7. Any algorithm is a program.

a) True

b) False

Answer: b

8. A system wherein items are added from one and removed from the other end.

a) Stack

b) Queue

c) Linked List

d) Array

Answer: b

9. Another name for 1-D arrays.

- a) Linear arrays
- b) Lists
- c) Horizontal array
- d) Vertical array

Answer: a

10. A data structure that follows the FIFO principle.

- a) Queue
- b) LL
- c) Stack
- d) Union

Answer: a

11. The symbol denotes \_\_\_\_\_



- a) I/O
- b) Flow
- c) Terminal

d) Decision

Answer: c

12. In computer science, an algorithm refers to a pictorial representation of a flowchart.

a) True

b) False

Answer: b

13. The process of drawing a flowchart for an algorithm is called \_\_\_\_\_

a) Performance

b) Evaluation

c) Algorithmic Representation

d) Flowcharting

Answer: d

14. Actual instructions in flowcharting are represented in \_\_\_\_\_

a) Circles

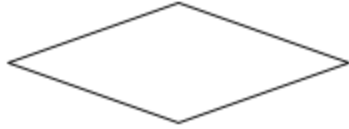
b) Boxes

c) Arrows

d) Lines

Answer: b

15. The following box denotes?



- a) Decision
- b) Initiation
- c) Initialization
- d) I/O

Answer: a

16. A box that can represent two different conditions.

- a) Rectangle
- b) Diamond
- c) Circle
- d) Parallelogram

Answer: b

17. There should be certain set standards on the amount of details that should be provided in a flowchart.

- a) True
- b) False

Answer: b

18. A detailed flowchart is called \_\_\_\_\_

- a) Stack
- b) Macro
- c) Micro
- d) Union

Answer: c

19. Which of the following is not an advantage of a flowchart?

- a) Better communication
- b) Efficient coding
- c) Systematic testing
- d) Improper documentation

Answer: d

20. A flowchart that outlines the main segments of a program.

- a) Queue
- b) Macro
- c) Micro
- d) Union

Answer: b

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