

1) Translator which is used to convert codes of assembly language into machine language is termed as:

- a) Compiler    b) Interpreter    c) Assembler    d) None of the above

2) Which of the following is the correct extension of the Python file?

- a) .python
- b) .pl
- c) .py
- d) .p

3) Is Python code compiled or interpreted?

- a) Python code is both compiled and interpreted
- b) Python code is neither compiled nor interpreted
- c) Python code is only compiled
- d) Python code is only interpreted

4) A program that can execute high-level language programs.

- a) Compiler
- b) Interpreter
- c) Sensor
- d) Circuitry

5) Executables might be called \_\_\_\_\_

- a) native code
- b) executable code
- c) complex code
- d) machine code

6) Source program is compiled to an intermediate form called \_\_\_\_\_

- a) Byte Code
- b) Smart code
- c) Executable code
- d) Machine code

7) \_\_\_\_\_ is the assembly language for an imaginary architecture.

- a) Byte code
- b) Machine code
- c) Native code
- d) Executable code

8) JIT stands for?

- a) Just in time
- b) Jump in time
- c) Jump in text
- d) Jump in terms

9) Which of the following isn't a characteristic of High level languages?

- a) machine code
- b) platform independent
- c) interactive execution
- d) user-friendly

10)An algorithm is a \_\_\_\_\_ that provides a series of instructions that should be carried out in a particular order to get the desired outcome.

- a. Step – by – step process
- b. flow chart process
- c. Pseudocode process
- d. None of the above

11)What are the advantages of Algorithms?

- a. Easy to understand
- b. Algorithm follows a predefined path
- c. It is independent of any programming language
- d. All of the above

12)What are the disadvantages of Algorithms?

- a. It takes a long time to write an algorithm
- b. Harder to demonstrate branches
- c. Both a) and b)
- d. None of the above

13)How can you write an algorithm?

- a. There are no clear guidelines for writing algorithms
- b. Algorithm should be written in sequential order
- c. Both a) and b)
- d. None of the above

14) A flowchart is a \_\_\_\_\_ representation of an algorithm using various symbols, shapes, and arrows to explain a process or programme.

- a. Graphical(algorithm)
- b. Visual(sourcecode)
- c. Both a) and b)
- d. None of the above

15)You can create a flowchart using \_\_\_\_\_?

- a. Pen & Pencil
- b. Using Online software
- c. Using Offline software
- d. All of the above

16)Why do we use a flowchart?

- a. To have a better understanding of how a process works.
- b. To evaluate a process in order to improve it.
- c. To explain how a process works to others.
- d. All of the above

17)What are the different types of flowchart?

- a. System flowchart
- b. Document flowchart
- c. Program flowchart
- d. All of the above

18)\_\_\_\_\_ symbol used when the flow chart is starting or ending.

- a. Connector/ Arrow
- b. Terminal Box
- c. Input / Output
- d. Process

19)\_\_\_\_\_ symbol used to connect relationships between the shapes.

- a. Connector
- b. Terminal Box
- c. Input/ Output
- d. Process

20)\_\_\_\_\_ symbol used to take input or output in the process.

- a. Connector
- b. Terminal Box
- c. Rectangle
- d. Parallelogram

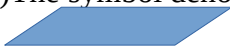
21)\_\_\_\_\_ symbol used to calculate or process any data in the flowchart.

- a. Connector
- b. Terminal Box
- c. Rectangle
- d. Parallelogram

22)\_\_\_\_\_ symbol used when the decision or condition to be checked.

- a. Connector
- b. Terminal Box
- c. Diamond
- d. Decision

23)The symbol denotes \_\_\_\_\_



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

24)In computer science, algorithm refers to a pictorial representation of a flowchart.

- a) True
- b) False

25)The process of drawing a flowchart for an algorithm is called \_\_\_\_\_

- a) Performance
- b) Evaluation
- c) Algorithmic Representation
- d) Flowcharting

26) Actual instructions in flowcharting are represented in \_\_\_\_\_

- a) Circles
- b) Boxes
- c) Arrows

d) Lines

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

- a) True
- b) False

28) A detailed flowchart is called \_\_\_\_\_

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

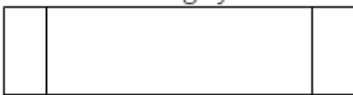
29) Which of the following is not an advantage of a flowchart?

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

30) A flowchart that outlines the main segments of a program.

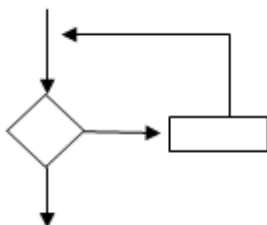
- a) Queue
- b) Macro
- c) Micro
- d) Union

31) The following symbol denotes:



- a) Module
- b) Terminal
- c) Process
- d) i/o operation

32) What type of structure is this?



- a) sequence
- b) case
- c) repetition
- d) process

33) A text file that contains our program is called as \_\_\_\_\_

- a) Exe file
- b) Doc file
- c) Obj file
- d) Source file

34) A program that reads the source code and converts it to a form usable by the computer.

- a) Interpreter
- b) Compiler
- c) Linker
- d) Assembler

35) Which is not involved in debugging?

- a) Identifying
- b) Isolating
- c) Test
- d) Fixing

36) Examination of the program step by step is called \_\_\_\_\_

- a) Controlling
- b) Tracing
- c) Stepping
- d) Testing

37) \_\_\_\_\_ is part of user documentation.

- a) Class diagram
- b) Use case
- c) Code comment
- d) Installation guide

38) The process of maintaining a record of project development and maintenance.

- a) Process documentation
- b) Product documentation
- c) User documentation
- d) System documentation

39) Compiler generated file is:

- a).py
- b).c
- c).pyc
- d).exe

40) Which program is used to add additional files to the python program before converting it to executable code?

- a) Loader
- b) Linker
- c) PVM
- d) JIT Compiler

41) Bytecode is also known as object code?

- a) True
- b) False

42)we use \_\_\_\_\_to code Assembly Language.

- a)Assembler
- b)Mnemonics
- c)Compiler
- d)Interpreter

43)Python user:

- a)Compilation only
- b)Interpreter only
- c)Both compiler and interpreter
- d)It uses assembler

44)Full Form of IDLE is:

- a)Integrated Development Learning Enterprise
- b)Intensive Development Learning Environment
- c)Intergrated Development Learning Environment
- d)Integrated Data Launch Environment

45)A sequence of instructions in a computer language to get the desired result is known as :

- (A) An algorithm
- (B) A decision table
- (C) A program
- (D) None of the above

46)Bug means :

- (A) A logical error in a program
- (B) A difficult syntax error in a program
- (C) Both (A) and (B)
- (D) None of the above

47)A compiler is :

- (A) A machine-independent and OS-independent
- (B) Machine-dependent and OS-dependent
- (C) Machine-dependent and OS-independent
- (D) Machine-independent and OS-dependent

48)Which one of the following statements is incorrect?

- (A) A compiler compiles the source program.
- (B) An assembler takes an assembly program as input.
- (C) A compiler does the same type of function as interpreter.
- (D) None of these

49)communication between user and the computer is...

- a. programming language
- b. software
- c. syntax
- d. english language

50) Name of JIT compiler used by python?

- a) PYIT
- b) Pyjion
- c) Pyairteln
- d) Pyson

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