

**1. "C" is a**

- a. High Level Language
- b. Low Level Language
- c. High Level Language with some low level features
- d. Low level language with some high level features

Answer: C

**2. "C" was primarily developed as a**

- a. Systems Programming Language
- b. General Purpose Language
- c. Data Processing Language
- d. None of the above

Answer: A

**3. The differences between constructors and destructor are**

- A. constructors can take arguments but destructor can't
- B. constructors can be overloaded but destructors can't be overloaded
- C. both a & b
- D. None of these

Answer: C

**4. A constructor is called whenever**

- A. a object is declared
- B. an object is used
- C. a class is declared
- D. a class is used

Answer: A

**5. State the object oriented languages**

- A. C++
- B. Java
- C. Eiffel
- D. All of the above

Answer: D

**6. What is a reference?**

- A. an operator

- B. a reference is an alias for an object
- C. used to rename an object
- D. None of these

Answer: B

**7. The operator << is called**

- A. an insertion operator
- B. put to operator
- C. either a or b
- D. None of these

Answer: C

**8. The operator >> is called**

- A. an extraction operator
- B. a get from operator
- C. either a or b
- D. get to operator

Answer: C

**9. In C Programming which one of the following is string termination character?**

- A. '\0'
- B. '\n'
- C. '\b'
- D. '\t'

Answer: A

**10. A function which invokes itself repeatedly until some condition is satisfied is called \_\_\_\_\_**

- A. Friend Function
- B. Virtual Function
- C. Recursive Function
- D. Overloading Function

Answer: C

**11. In C/CPP Programming a function can return**

- A. Single value
- B. Double Values
- C. Many values
- D. None of these

Answer: A

**12. In C/CPP Programming array index is always starts from**

- A. 0
- B. 1
- C. 2
- D. 3

Answer: A

**13. Which of the following is not the type of variable?**

- A. Extren
- B. Register
- C. Global
- D. None of above

Answer: D

**14. Which of the following is the symbol for AND operator?**

- A. ||
- B. &
- C. &&
- D. \$\$

Answer: C

**15. Which of the following is the correct statement?**

- A. Variable name must start with underscore
- B. Variable name must have digit
- C. Variable name must have white space character
- D. Keyword can not be a variable name

Answer: D

```
16. int z,x=5,y=-10,a=4,b=2;  
z = x++ - --y * b / a;
```

What number will z in the sample code above contain?

- A. 5
- B. 6
- C. 10
- D. 11
- E. 12

Answer: C

17. Selection logic also called as

- A. Decision Logic
- B. Iteration Logic
- C. Sequence Logic
- D. Looping Logic

Answer: A

18. Pseudo code is also known as

- A. Program Design Language
- B. Hardware Language
- C. Software Language
- D. Algorithm

Answer: A

19. A flowchart that outlines with all detail is called as

- A. Micro flowchart
- B. Macro flowchart
- C. Flowchart
- D. Algorithm

Answer: A

20. A flowchart that outlines the main segments of program is called as

- A. Micro flowchart
- B. Macro flowchart
- C. Flowchart
- D. Algorithm

Answer: B

21. Which of the following is a pictorial representation of an algorithm?

- A. Pseudo code
- B. Program
- C. Flowchart
- D. Algorithm

Answer: C

22. An Algorithm represented in the form of programming languages is \_\_\_\_\_

- A. Flowchart
- B. Pseudo code
- C. Program
- D. None

Answer: C

23. Flowcharts and Algorithms are used for

- A. Better Programming
- B. Easy testing and Debugging
- C. Efficient Coding
- D. All

Answer: D

24. In structure charts modules are described as

- A. Circle
- B. Triangles
- C. Rectangle
- D. Ellipse

Answer: B

25. Execution of two or more programs by a single CPU is known as

- A. Multiprogramming
- B. Multiprocessing
- C. Timesharing

Answer: B

26. Which of the following structures are used in computer programs?

- A. sequential
- B. decision
- C. Timesharing
- D. None

Answer: D

27. Which of the following is a program planning tool?

- A. Sequential
- B. decision
- C. Pseudo code
- D. Both B and C

Answer: D

28. The chart that contains only function flow and no code is called as

- A. flowchart
- B. Structure chart
- C. Both A and B
- D. None

Answer: B

29. C Language developed at \_\_\_\_\_?

- A. AT & T's Bell Laboratories of USA in 1972
- B. AT & T's Bell Laboratories of USA in 1970
- C. Sun Microsystems in 1973
- D. Cambridge University in 1972

Answer: A

30. For 16-bit compiler allowable range for integer constants is \_\_\_\_\_ ?

- A.  $-3.4e38$  to  $3.4e38$
- B. -32767 to 32768
- C. -32768 to 32767
- D. -32668 to 32667

Answer: C

**31. What is an array?**

- A. An array is a collection of variables that are of the dissimilar data type.
- B. An array is a collection of variables that are of the same data type.
- C. An array is not a collection of variables that are of the same data type.
- D. None of the above.

Answer: B

**32. What is right way to Initialization array?**

- A. `int num[6] = { 2, 4, 12, 5, 45, 5 } ;`
- B. `int n{ } = { 2, 4, 12, 5, 45, 5 } ;`
- C. `int n{6} = { 2, 4, 12 } ;`
- D. `int n(6) = { 2, 4, 12, 5, 45, 5 } ;`

Answer: A

**33. An array elements are always stored in \_\_\_\_\_ memory locations.**

- A. Sequential
- B. Random
- C. Sequential and Random
- D. None of the above

Answer: A

**34. Bitwise operators can operate upon?**

- A. double and chars
- B. floats and doubles
- C. ints and floats
- D. ints and chars

Answer: D

**35. What is constant?**

- A. Constants have fixed values that do not change during the execution of a program
- B. Constants have fixed values that change during the execution of a program
- C. Constants have unknown values that may be change during the execution of a program
- D. None of the above

Answer: A

**36. In switch statement, each case instance value must be \_\_\_\_\_?**

- A. Constant
- B. Variable
- C. Special Symbol
- D. None of the above

Answer: A

**37. The statement `printf ("%d", 10 ? 0 ? 5 : 1 : 12);` will print?**

- A. 10
- B. 0
- C. 12
- D. 1

Answer: D

**38. Which of the following data structure is linear type?**



- A. Strings
- B. Queue
- C. Lists
- D. All of the above

Answer: D

**39. Number of binary trees formed with 5 nodes are**

- A. 30
- B. 36
- C. 108
- D. 42

Answer: D

**40. The "C" language is**

- A. Context free language
- B. Context sensitive language
- C. Regular language
- D. None of the above

Answer: A

**41. C is \_\_\_\_\_ Language?**

- A. Low Level
- B. High Level
- C. Assembly Level
- D. Machine Level

Answer: B

**42. The Default Parameter Passing Mechanism is called as**

- A. Call by Value
- B. Call by Reference
- C. Call by Address
- D. Call by Name

Answer: A

**43. The keywords are also called**

- A. Safe words
- B. Static words
- C. Reserved words
- D. Reused words

Answer: C

**44. What will be the output of  $5.0 / 2$ ?**

- A. 2
- B. 3
- C. 0
- D. 2.5

Answer: D

**45. Representation of data structure in memory is known as**

- A. Recursive
- B. Abstract data type
- C. Storage structure
- D. File structure

Answer: B

**46. Type of data and its value is described by**

- A. Constants
- B. Variables
- C. Data Type
- D. None of the above

Answer: B

**47. How many times is a do while loop guaranteed to loop?**

- A. 0
- B. Variable
- C. 1
- D. Infinitely

Answer: C

**48. Which of the following is not an iterative statement?**

- A. while
- B. do while
- C. switch
- D. for

Answer: C

**49. Which is an invalid name of identifier?**

- A. world
- B. addition23
- C. test-name
- D. factorial

Answer: C

**50. What will be the output of the program ? #include void main()**

```
{ float arr[] = {12.4, 2.3, 4.5, 6.7};  
  
printf("%d", sizeof(arr)/sizeof(arr[0]));  
  
}
```

- A. 5
- B. 4
- C. 6
- D. 7

E. None of these

Answer: B

**51. What is right way to Initialize array**

- A. int num[6] = { 2, 4, 12, 5, 45, 5 };
- B. B. int n{} = { 2, 4, 12, 5, 45, 5 };
- C. C. int n{6} = { 2, 4, 12 };
- D. D. int n(6) = { 2, 4, 12, 5, 45, 5 };

Answer: A

**52. Which of the following part of the Android is open sourced?**

- A. low-level Linux modules
- B. all of these answers
- C. native libraries
- D. application frame work
- E. complete applications

Answer: B

**53. How to pass the data between activities in Android?**

- A. Intent
- B. Content Provider
- C. Broadcast receiver
- D. None of the above

Answer: A

**54. Which database is shipped with Android by default?**

- A. SQLite
- B. Apache
- C. MySQL
- D. Oracle

Answer: A

55. Which file contains all the text of an application?

- A. stack.xml
- B. text.xml
- C. strings.xml
- D. string.java

Answer: C

56. Which of these is incorrect string literal?

- A. "Hello World"
- B. "Hello\nWorld"
- C. "\"Hello World\""
- D. "Hello
- E. world"

Answer: D

57. .... data type can store unstructured data

- A. RAW
- B. CHAR
- C. NUMERIC
- D. VARCHAR

Answer: A

58. Which are the two ways in which entities can participate in a relationship?

- A. Passive and active
- B. Total and partial
- C. Simple and Complex
- D. All of the above

Answer: B

59. Which database level is closest to the users?

- A. External
- B. Internal
- C. Physical
- D. Conceptual

Answer: A

60. The database schema is written in

- A. HLL
- B. DML
- C. DDL
- D. DCL

Answer: C

61. DCL stands for

- A. Data Control Language
- B. Data Console Language
- C. Data Console Level
- D. Data Control Level

Answer: A

62. .... is the process of organizing data into related tables.

- A. Normalization
- B. Generalization
- C. Specialization
- D. None of the above

Answer: A

63. Grant and revoke are ..... statements.

- A. DDL
- B. TCL
- C. DCL
- D. DML

Answer: C

64. A ..... is used to define overall design of the database

- A. schema
- B. application program
- C. data definition language
- D. code

Answer:A

65. Data independence means

- A. data is defined separately and not included in programs.
- B. programs are not dependent on the physical attributes of data
- C. programs are not dependent on the logical attributes of data
- D. both B and C

Answer: D

66. .... is a full form of SQL.

- A. Standard query language
- B. Sequential query language
- C. Structured query language
- D. Server side query language

Answer: C

67. DFD stands for

- A. Data Flow Document
- B. Data File Diagram
- C. Data Flow Diagram
- D. Non of the above

Answer: C

68. PHP runs on different platforms (Windows, Linux, Unix, etc.)

- A. True
- B. False

Answer: A

69. Variables always start with a ..... in PHP

- A. Pound-sign
- B. Yen-sign
- C. Dollar-sign
- D. Euro-sign

Answer: C

70. What is the HTML tag for Break?

- A. <br>
- B. <dr>
- C. <th>
- D. <td>

Answer: A

71. Which is **Logical** Operators

- A. ==,!=
- B. +,-
- C. &&,||
- D. All of the above

Answer: C

72. What will be the result of the expression 13 & 25?

- A. 38
- B. 25
- C. 9
- D. 12

Answer: C

73. Actions associated with objects are called \_\_\_\_\_.

- A. Forms
- B. Events
- C. Properties
- D. methods

Answer: D

74. Which of the following is *not* an example of an object?

- A. Form
- B. Color
- C. Button
- D. text box

Answer: B



75. Which of the following is not an example of a procedural programming language?

- A. COBOL
- B. FORTRAN
- C. Pascal
- D. Visual Basic

Answer:D

76. A new window added to a C# application is called a \_\_\_\_\_.

- A. Form
- B. Property
- C. Method
- D. control

Answer: A

77. The Windows \_\_\_\_\_ defines how the various elements will look and function.

- A. front end
- B. color
- C. font
- D. Graphical User Interface (GUI)

Answer: D

78. Dennis Was Author of Famous Programming Book

- A. C Programming and Techniques
- B. Thinking in C
- C. The C Programming Language
- D. Learn C Step By Step

Answer: C

79. is used to construct the \_\_\_\_\_ .

- A. None of these
- B. Boolean Object
- C. Floating Object
- D. Integer Object

Answer: B

80. Which of the following data type is not considered as data type in Java Programming.

- A. char
- B. boolean
- C. String
- D. int

Answer: C

81. Default value of String (or any object) in Java Programming is \_\_\_\_\_.

- A. 0
- B. false
- C. '\u0000'
- D. null

Answer: C

82. Default value of character data type in Java Programming is \_\_\_\_\_.

- A. '\u0000'
- B. Undefine
- C. Null
- D. 0

Answer: A

83. Default value of "double" data type is \_\_\_\_\_.

- A. 0
- B. 0.0
- C. Null
- D. 0.0d

Answer: D

84. Default value of variable having boolean data type is \_\_\_\_\_.

- A. 1
- B. True
- C. 0
- D. false

Answer: D

85. Which of the following data type(s) can store 64 bit Value.

- A. int
- B. long
- C. float
- D. double

Answer: B

86. Which of the following is data type stores longest \_\_\_\_\_ floating point number.

- A. double
- B. long
- C. boolean
- D. float

Answer: A

87. Primitive data type 'byte' is having size \_\_\_\_\_ byte(s) in Java Programming.

- A. 2
- B. 3
- C. 4
- D. 1

Answer: D

88. What is size of integer in Java Programming.

- A. 3 Bytes
- B. 4 Bytes
- C. 2 Bytes
- D. 8 Bytes

Answer: B

89. In order to fetch stream of data from network or file , following data type is used \_\_\_\_\_.

- A. byte
- B. int
- C. double
- D. char

Answer:A

90. Range of Byte Data Type is \_\_\_\_\_.

- A. -128 to 256
- B. -127 to 128
- C. -128 to 255
- D. -128 to 127

Answer:D

91. Character data type cannot store following value.

- A. Special Character
- B. Letter
- C. Digit
- D. String

Answer: D

92. Which of the following data types comes under floating data types ?

- A. byte
- B. double
- C. long
- D. int

Answer: B

93. Which of the following is not a primitive data type ?

- A. int
- B. short
- C. byte
- D. enum

Answer: D

94. Which of the following is smallest integer data type ?

- A. long
- B. int
- C. short
- D. byte

Answer: D

95. Which of the following tool used to execute java code.

- A. java
- B. rmic
- C. javadoc
- D. javac

Answer: A

96. Which of the tool is used to compile java code ?

- A. jar
- B. javac
- C. javadoc
- D. java

Answer: B

97. Java Source Code is compiled into \_\_\_\_\_ .

- A. Source Code
- B. .Obj
- C. .Exe
- D. Bytecode

Answer:D

98. HTML is derived from \_\_\_\_\_.

- A. URL
- B. SGML
- C. TCP/IP
- D. Browsers

Answer: B

99. URL means \_\_\_\_\_.

- A. Address of the resource on the web
- B. Term used to describe Website
- C. Term used to get online program
- D. None of these

Answer:A

100. To design web pages we need to use \_\_\_\_\_.

- A. Server
- B. XML
- C. Browser
- D. HTML

Answer:D

101. Which of the following language is used to write animation and games in browser ?

- A. Java
- B. None of these
- C. C Programming
- D. HTML

Answer: A

102. Software which allows user to view the webpage is called as \_\_\_\_\_.

- A. Operating System
- B. Internet Browser
- C. Interpreter
- D. Website

Answer: B

103. Computer that requests the resources or data from other computer is called as \_\_\_\_\_ computer.

- A. Client
- B. Server

Answer: A

104. \_\_\_\_\_ programs are automatically loaded and operates as a part of browser.

- A. Utilities
- B. Plug-ins
- C. Widgets
- D. Add-ons

Answer: B

105. Interface to system call is through

- A. Using user defined functions
- B. Functions
- C. API
- D. None of these

Answer: C

106. Which is open source software?

- A. MySQL
- B. PHP
- C. Linux OS
- D. All of the above

Answer: D

107. Multiprocessor system consist of?

- A. Multiple processor
- B. Multiple memories
- C. Multiple I/O devices
- D. None of the above

Answer:A

**108. Multiprocessor system result in?**

- A. Increased throughput
- B. Cost effective
- C. Reliability
- D. All of the above

Answer: **D**

**109. Operating system is?**

- A. Which runs during log off
- B. Program which runs for short duration
- C. Which runs at the start of computer system
- D. Long running program in computer

Answer:**D**

**110. In the following code segment:**

```
int z,x=5,y=-10,a=4,b=2;  
z=x++ - --y* b/a;
```

**What will be the final value of z?**

- A. 5
- B. 6
- C. 10
- D. 11

Answer:**C**

