**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 programing 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. extrern  
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?

1. 5
2. 6
3. 10
4. 11
5. 12

answer: c

17. selection logic also called as

* 1. decision logic
  2. iteration logic
  3. sequence logic
  4. looping logic

answer: a

18. pseudo code is also known as

* 1. program design language
  2. hardware language
  3. software language
  4. algorithm

answer: a

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

* 1. micro flowchart
  2. macro flowchart
  3. flowchart
  4. algorithm

answer: a

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

* 1. micro flowchart
  2. macro flowchart
  3. flowchart
  4. algorithm

answer: b

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

* 1. pseudo code
  2. program
  3. flowchart
  4. algorithm

answer: c

22. an algorithm represented in the form of programming languages is \_\_\_\_\_\_\_\_\_

* 1. flowchart
  2. pseudo code
  3. program
  4. none

answer: c

23. flowcharts and algorithms are used for

* 1. better programming
  2. easy testing and debugging
  3. efficient coding
  4. all

answer: d

24. in structure charts modules are described as

* 1. circle
  2. triangles
  3. rectangle
  4. ellipse

answer: b

25. execution of two or more programs by a single cpu is known as

* 1. multiprogramming
  2. multiprocessing
  3. timesharing

answer: b

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

* 1. sequential
  2. decision
  3. timesharing
  4. none

answer: d

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

* 1. sequential
  2. decision
  3. pseudo code
  4. both b and c

answer: d

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

* 1. flowchart
  2. structure chart
  3. both a and b
  4. none

answer: b

29. **c language developed at \_\_\_\_\_?**

* 1. at & t's bell laboratories of usa in 1972
  2. at & t's bell laboratories of usa in 1970
  3. sun microsystems in 1973
  4. cambridge university in 1972

answer: a

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

* 1. -3.4e38 to 3.4e38
  2. -32767 to 32768
  3. -32768 to 32767
  4. -32668 to 32667

answer: c

31. **what is an array?**

* 1. an array is a collection of variables that are of the dissimilar data type.
  2. an array is a collection of variables that are of the same data type.
  3. an array is not a collection of variables that are of the same data type.
  4. none of the above.

answer: b

32. **what is right way to initialization array?**

* 1. int num[6] = { 2, 4, 12, 5, 45, 5 } ;
  2. int n{} = { 2, 4, 12, 5, 45, 5 } ;
  3. int n{6} = { 2, 4, 12 } ;
  4. int n(6) = { 2, 4, 12, 5, 45, 5 } ;

answer: a

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

* 1. sequential
  2. random
  3. sequential and random
  4. none of the above

answer: a

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

* 1. double and chars
  2. floats and doubles
  3. ints and floats
  4. ints and chars

answer: d

35. **what is constant?**

* 1. constants have fixed values that do not change during the execution of a program
  2. constants have fixed values that change during the execution of a program
  3. constants have unknown values that may be change during the execution of a program
  4. none of the above

answer: a

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

* 1. constant
  2. variable
  3. special symbol
  4. none of the avobe

answer: a

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

* 1. 10
  2. 0
  3. 12
  4. 1

answer: d

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

* 1. strings
  2. queue
  3. lists
  4. all of the above

answer: d

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

* 1. 30
  2. 36
  3. 108
  4. 42

answer: d

40. **the "c" language is**

* 1. context free language
  2. context sensitive language
  3. regular language
  4. none of the above

answer: a

41. **c is \_\_\_\_\_\_ language?**

* 1. low level
  2. high level
  3. assembly level
  4. machine level

answer: b

42. **the default parameter passing mechanism is called as**

* 1. call by value
  2. call by reference
  3. call by address
  4. call by name

answer: a

43. **the keywords are also called**

* 1. safe words
  2. static words
  3. reserved words
  4. reused words

answer: c

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

* 1. 2
  2. 3
  3. 0
  4. 2.5

answer: d

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

* 1. recursive
  2. abstract data type
  3. storage structure
  4. file structure

answer: b

46. **type of data and its value is described dy**

1. constants
2. variables
3. data type
4. none of the above

answer: b

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

* 1. 0
  2. variable
  3. 1
  4. infinitely

answer: c

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

* 1. while
  2. do while
  3. switch
  4. for

answer: c

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

1. world
2. addition23
3. test-name
4. 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]));**

**}**

1. 5
2. 4
3. 6
4. 7

e. none of these

answer: b

51. **what is right way to initialize array**

1. int num[6] = { 2, 4, 12, 5, 45, 5 };
2. b. int n{} = { 2, 4, 12, 5, 45, 5 };
3. c. int n{6} = { 2, 4, 12 };
4. d. int n(6) = { 2, 4, 12, 5, 45, 5 };

answer: a

52. which of the following part of the android is open sourced?

* 1. low-level linux modules
  2. all of these answers
  3. native libraries
  4. application frame work
  5. complete applications

answer: b

53. how to pass the data between activities in android?

1. intent
2. content provider
3. broadcast receiver
4. none of the above

answer: a

54. which database is shipped with android by default?

* 1. sqlite
  2. apache
  3. mysql
  4. oracle

answer: a

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

* 1. stack.xml
  2. text.xml
  3. strings.xml
  4. string.java

answer: c

56. which of these is incorrect string literal?

1. “hello world”
2. “hello\nworld”
3. “\”hello world”"
4. “hello
5. world”

answer:d

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

1. raw
2. char
3. numeric
4. varchar

answer: a

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

1. passive and active
2. total and partial
3. simple and complex
4. all of the above

answer: b

59. which database level is closest to the users?

1. external
2. internal
3. physical
4. conceptual

answer: a

60. the database schema is written in

1. hll
2. dml
3. ddl
4. dcl

answer: c

61. dcl stands for

1. data control language
2. data console language
3. data console level
4. data control level

answer: a

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

1. normalization
2. generalization
3. specialization
4. none of the above

answer: a

63. grant and revoke are ……. statements.

1. ddl
2. tcl
3. dcl
4. dml

answer: c

64. a ……… is used to define overall design of the database

1. schema
2. application program
3. data definition language
4. code

answer:a

65. data independence means

1. data is defined separately and not included in programs.
2. programs are not dependent on the physical attributes of data
3. programs are not dependent on the logical attributes of data
4. both b and c

answer: d

66. ………………… is a full form of sql.

1. standard query language
2. sequential query language
3. structured query language
4. server side query language

answer: c

67. dfd stands for

1. data flow document
2. data file diagram
3. data flow diagram
4. non of the above

answer: c

68. php runs on different platforms (windows, linux, unix, etc.)

1. true
2. false

answer: a

69. variables always start with a ........ in php

1. pond-sign
2. yen-sign
3. dollar-sign
4. euro-sign

answer: c

## 70. **what is the html tag for break?**

1. <br>
2. <dr>
3. <th>
4. <td>

answer: a

## 71. which is logical operators

## ==,!=

## +,-

## &&,||

1. all of the above

## answer: c

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

1. 38
2. 25
3. 9
4. 12

## answer: c

**73.** actions associated with objects are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. forms
2. events
3. properties
4. methods

answer: d

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

1. form
2. color
3. button
4. text box

answer: b

|  |  |
| --- | --- |
|  | 75. which of the following is not an example of a procedural programming language? |

1. cobol
2. fortran
3. pascal
4. visual basic

answer:d

|  |  |
| --- | --- |
|  | http://highered.mheducation.com/olcweb/styles/shared/spacer.gif 76. a new window added to a c# application is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
|  |  |

1. form
2. property
3. method
4. control

answer: a

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

1. front end
2. color
3. font
4. graphical user interface (gui)

answer: d

78. dennis was author of famous programming book

1. c programming and techniques
2. thinking in c
3. the c programming language
4. learn c step by step

answer: c

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

1. none of these
2. boolean object
3. floating object
4. integer object

answer: b

80. which of the following data type is not considered as data type in java programming.

1. char
2. boolean
3. string
4. int

answer: c

81. default value of string (or any object) in java programming is \_\_\_\_\_\_\_\_\_\_\_\_\_.

1. 0
2. false
3. '\u0000'
4. null

answer: c

82. default value of character data type in java programming is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. '\u0000'
2. undefine
3. null
4. 0

answer: a

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

1. 0
2. 0.0
3. null
4. 0.0d

answer: d

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

1. 1
2. true
3. 0
4. false

answer: d

85. which of the following data type(s) can store 64 bit value.

1. int
2. long
3. float
4. double

answer: b

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

1. double
2. long
3. boolean
4. float

answer: a

87. primitive data type 'byte' is having size \_\_\_\_\_\_\_ byte(s) in java programming.

1. 2
2. 3
3. 4
4. 1

answer: d

88. what is size of integer in java programming.

1. 3 bytes
2. 4 bytes
3. 2 bytes
4. 8 bytes

answer: b

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

1. byte
2. int
3. double
4. char

answer:a

90. range of byte data type is \_\_\_\_\_\_\_\_\_\_\_\_.

1. -128 to 256
2. -127 to 128
3. -128 to 255
4. -128 to 127

answer:d

91. character data type cannot store following value.

1. special character
2. letter
3. digit
4. string

answer: d

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

1. byte
2. double
3. long
4. int

answer: b

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

1. int
2. short
3. byte
4. enum

answer: d

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

1. long
2. int
3. short
4. byte

answer: d

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

1. java
2. rmic
3. javadoc
4. javac

answer: a

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

1. jar
2. javac
3. javadoc
4. java

answer: b

97. java source code is compiled into \_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

1. source code
2. .obj
3. .exe
4. bytecode

answer:d

98. html is derived from \_\_\_\_\_\_\_.

1. url
2. sgml
3. tcp/ip
4. browsers

answer: b

99. url means \_\_\_\_\_\_\_\_.

1. address of the resource on the web
2. term used to describe website
3. term used to get online program
4. none of these

answer:a

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

1. server
2. xml
3. browser
4. html

answer:d

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

1. java
2. none of these
3. c programming
4. html

answer: a

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

1. operating system
2. internet browser
3. interpreter
4. website

answer: b

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

1. client
2. server

answer: a

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

1. utilities
2. plug-ins
3. widgets
4. add-ons

answer: b

## 105. interface to system call is through

1. using user defined functions
2. functions
3. api
4. none of these

answer:**c**

## 106. which is open source software?

1. mysql
2. php
3. linux os
4. all of the above

answer: **d**

## 107. multiprocessor system consist of?

1. multiple processor
2. multiple memories
3. multiple i/o devices
4. none of the above

answer:a

## 108. multiprocessor system result in?

1. increased throughput
2. cost effective
3. reliability
4. all of the above

answer: **d**

## 109. operating system is?

1. which runs during log off
2. program which runs for short duration
3. which runs at the start of computer system
4. 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?

1. 5
2. 6
3. 10
4. 11

answer:**c**